

UiPath-ADAv1 Dumps

UiPath Automation Developer Associate v1 Exam

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NEW QUESTION 1

What describes how the Excel Application Scope activity interacts with a Microsoft Excel file?

- A. Works only with xls files and Excel does not need to be installed
- B. Works with.xlsx files and Excel does not need to be installed
- C. Works only with.xlsm files and Excel must be installed
- D. Works with.xls and.xlsm files and Excel must be installed

Answer: D

Explanation:

The Excel Application Scope activity interacts with a Microsoft Excel file in the following way: it works with.xls and.xlsm files and Excel must be installed. The Excel Application Scope activity opens an Excel workbook and provides a scope for Excel activities. When the execution of this activity ends, the specified workbook and the Excel application are closed². The Excel Application Scope activity can work with.xls (Excel 97-2003 Workbook) and.xlsm (Excel Macro-Enabled Workbook) file formats³. However, the Excel Application Scope activity requires Microsoft Excel to be installed on the machine where the automation is running, as it uses the Excel interop assembly⁴. Therefore, the Excel Application Scope activity cannot work with.xlsx (Excel Workbook) files or without Excel installed.

References: Excel Application Scope, File formats that are supported in Excel, and Excel Application Scope - UiPath Activities Guide from UiPath documentation and Microsoft support.

NEW QUESTION 2

A developer wants to design a complex business process using UiPath Studio. The workflow type needs to present multiple branches between UI activities Which recommended type of workflow meets the requirement?

- A. Global Exception Handler
- B. Flowchart
- C. Sequence
- D. State Machine

Answer: B

Explanation:

The recommended type of workflow for designing a complex business process using UiPath Studio is Flowchart. Flowcharts are suitable for a more complex business logic, as they enable you to integrate decisions and connect activities in a more diverse manner, through multiple branching logic operators. Flowcharts can also be used as a part of other diagrams, such as Sequences or State Machines³. Flowcharts provide a clear and visual representation of the flow of the process, as well as the possible outcomes and exceptions. Flowcharts can also be easily modified and expanded, as new activities and branches can be added or removed⁴. References: Flowchart and Understanding the Concept of Workflow of UiPath from UiPath documentation and Medium.

NEW QUESTION 3

A developer has published a new library from UiPath Studio to the Orchestrator feed. Another developer on the team is connected to the same Orchestrator where the library has been published.

What steps are necessary for adding this library as a dependency in a project?

- A. Open the Manage Packages Window and ensure the Orchestrator feed is enable
- B. In the Imports Panel in Studio, search for the package by name, and then install the package.
- C. Open the Manage Packages Window and install UiPath.System.Activities
- D. Drag and Drop the Invoke Com Method activity and input the library name as a parameter.
- E. Open the Manage Packages Window and install UiPath.System.Activities
- F. Drag and Drop the Invoke Method activity and input the library name as a parameter.
- G. Open the Manage Packages Window and ensure the Orchestrator feed is enable
- H. Search for the package by name in the Search bar and then install the package.

Answer: D

Explanation:

This is the correct way to add a library that has been published to the Orchestrator feed as a dependency in a project. The Manage Packages Window allows the developer to browse, install, update, or remove packages from various sources, such as the Orchestrator feed, the Official feed, or the Local feed. The Orchestrator feed is the default location where libraries are published from Studio, and it can be enabled or disabled by clicking on the Settings button in the Manage Packages Window. The Search bar allows the developer to find the desired package by name, version, or description. The Install button allows the developer to add the package as a dependency to the project. The other options are incorrect because they do not use the Orchestrator feed, or they do not use the correct activity to invoke the library. References: About Libraries, Managing Dependencies, Publishing a Library, Invoking a Workflow

NEW QUESTION 4

What is the output type returned when using a Get Test Data Queue Item activity?

- A. Dictionary
- B. Dictionary
- C. Object
- D. QueueItem

Answer: A

Explanation:

The Get Test Data Queue Item activity is used to retrieve a test data queue item from Orchestrator and store it in a variable. The output type of the variable is Dictionary, which means that it is a collection of key-value pairs that can be accessed by using the key name. For example, if the test data queue item contains the fields Name, Age, and Gender, then the output variable can be used to get the values of these fields by using expressions like `outputVar("Name")`, `outputVar("Age")`, or `outputVar("Gender")`. (UiPath Studio documentation¹)

References:

? 1: Get Test Data Queue Item - UiPath Activities.

NEW QUESTION 5

A developer has declared a variable of type String named StrVar and assigned it the value "UIPATH STUDIO". What is the output of the expression, StrVar.IndexOf("U")?

- A. 1
- B. 9
- C. 10

Answer: A

Explanation:

The IndexOf method of String values returns the index of the first occurrence of a specified character or substring in a given string. The index is zero-based, meaning that the first character has the index 0, the second character has the index 1, and so on. If the character or substring is not found, the method returns -1. In this case, the expression StrVar.IndexOf("U") returns the index of the first occurrence of the character "U" in the string "UIPATH STUDIO", which is 0. Therefore, the answer is A. 0. References: String.IndexOf Method, String Variables

NEW QUESTION 6

What is the use of job priorities in unattended automations within UiPath Orchestrator?

- A. To determine which processes should be executed first when dealing with multiple jobs.
- B. To sort and organize tasks within a folder.
- C. To create job dependencies that must be completed before new job execution.
- D. To determine machine resource allocation among processes.

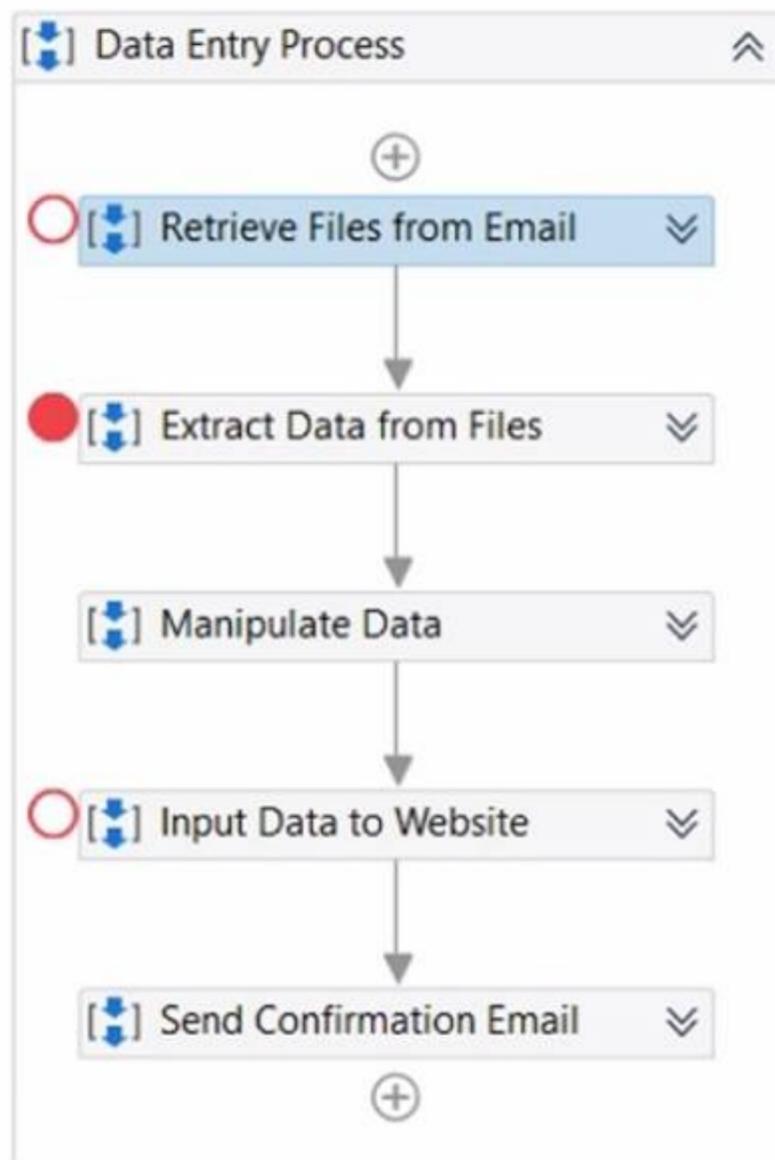
Answer: A

Explanation:

Job priorities in unattended automations are used to assign different levels of importance to the processes that are triggered by the Orchestrator1. The job priority can be set as High, Normal, or Low when creating or editing a trigger2. The Orchestrator will execute the jobs based on their priority and the availability of robots3. This feature helps to optimize the performance and efficiency of unattended automations.
<https://forum.uipath.com/t/priority-levels-jobs-and-queue-items/273883>

NEW QUESTION 7

A developer executes the following workflow in Debug mode with "Continue on Exception " enabled.



How many times will the workflow pause the execution?

- A. 1
- B. 2
- C. 3

Answer: B

Explanation:

The workflow will pause the execution only once when it is executed in Debug mode with "Continue on Exception" enabled. Debug mode is a mode of execution that allows the developer to test and troubleshoot the workflow by using various debugging tools, such as breakpoints, step actions, and output messages4. "Continue on Exception" is a debugging option that enables the execution to continue even if an exception is encountered, without displaying the error message or stopping at the faulty activity5. In the workflow, there are two activities that can throw exceptions: the "Throw" activity, which throws a custom exception with the message "This is an exception", and the "Write Line" activity, which writes the value of the "Var" variable to the Output panel. The "Var" variable is not initialized, so it has a null value by default. When the "Write Line" activity tries to write the null value, it throws a NullReferenceException, as explained in the previous question. However, since the "Continue on Exception" option is enabled, the execution does not stop at the "Write Line" activity, but continues to the next activity, which is the "Throw" activity. The "Throw" activity throws the custom exception, which is caught by the "Catch" section of the "Try Catch" activity. The "Catch" section contains a "Log Message" activity, which writes the exception message to the Output panel. The execution then moves to the "Finally" section, which contains a "Write Line" activity with the text "This is the end". The workflow then ends successfully. The only time the execution pauses is when it reaches the breakpoint that is set at the "Throw" activity. A breakpoint is a debugging tool that allows the developer to pause the execution at a specific activity and inspect the values of the variables and arguments, as well as the output messages6. The developer can then resume the execution by using the step actions or the continue button7. Therefore, the workflow will pause the execution only once at the breakpoint, and not at the exceptions, as they are ignored by the "Continue on Exception" option. References: Debugging a Workflow, Debugging Actions, Breakpoints, and Continue on Exception from UiPath documentation.

NEW QUESTION 8

What is the default URL of the OCR server that runs the Computer Vision service?

- A. <https://server.uipath.com/>
- B. <https://cvserver.uipath.com/>
- C. <https://cv.uipath.com/>
- D. <https://computervision.uipath.com/>

Answer: C

Explanation:

The default URL of the OCR server that runs the Computer Vision service is <https://cv.uipath.com/>. This is the endpoint of the UiPath Computer Vision Cloud service, which provides OCR capabilities for document understanding and UI automation1. The other options are not valid URLs for the OCR server.

References:

? Document Understanding - UiPath.DocumentUnderstanding.OCR.LocalServer Activities documentation, Introduction section

NEW QUESTION 9

In an RPA Testing project, you created the mock "MySequencemock" for the file "MySequence". You have to update "MySequence" and add a Log Message activity and a Verify Expression activity.

What will happen to "MySequencemock" file when you save the project, assuming that the file is closed?

- A. Only the Log Message activity will be added to the mock file.
- B. Only the Verify Expression activity will be added to the mock file.
- C. The changes made in "MySequence" workflow file are applied to the mock file.
- D. The changes made in "MySequence" workflow file are not applied to the mock file.

Answer: D

Explanation:

A mock file is a copy of a workflow file that is used to simulate the behavior of the original workflow without affecting it1. When you create a mock file, the original workflow file is automatically added to the project dependencies, and the mock file is added to the test folder2. If you update the original workflow file, the changes are not reflected in the mock file, unless you manually update the mock file as well3. Therefore, if you add a Log Message activity and a Verify Expression activity to "MySequence" workflow file and save the project, the "MySequencemock" file will remain unchanged.

References:

? Mock Testing documentation from UiPath

? Create Mocks documentation from UiPath

? Feature request: Allow to rename Mock files forum post from UiPath Community

NEW QUESTION 10

DRAG DROP

A developer wants to invoke a workflow in Main.xaml called ProcessPurchaseOrders.xaml. Data needs to be passed to and from the invoked workflow What is the correct sequence of steps the developer needs to perform?

Instructions: Drag the Description found on the left and drop on the correct Step found on the right

Description	Step Sequence
Open the ProcessPurchaseOrders.xaml file and create the arguments	Step 1
Pass the values of the arguments to/from the variables in the Main.xaml file	Step 2
Create the ProcessPurchaseOrders.xaml file	Step 3
Invoke the ProcessPurchaseOrders.xaml file in the Main.xaml file and click Import Arguments	Step 4

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The correct sequence of steps the developer needs to perform is:

? Step 1 = Create the ProcessPurchaseOrders.xaml file
? Step 2 = Open the ProcessPurchaseOrders.xaml file and create the arguments
? Step 3 = Invoke the ProcessPurchaseOrders.xaml file in the Main.xaml file and click Import Arguments
? Step 4 = Pass the values of the arguments to/from the variables in the Main.xaml file
This sequence will ensure that the developer can create a reusable workflow, invoke it from the main workflow, and pass data between them using arguments.
<https://forum.uipath.com/t/import-arguments-in-invoke-workflow-file/1923>
<https://forum.uipath.com/t/pass-arguments-invoke/132595>

NEW QUESTION 10

A developer used a dictionary to store employee ID numbers as the key with associated employee surnames as the value What is the benefit of using a dictionary?

- A. Dictionaries can have repeated keys
- B. Dictionaries must have unique values
- C. Dictionaries can be searched by keys or values
- D. Dictionary keys and values can be of different data types

Answer: D

Explanation:

The benefit of using a dictionary is that dictionary keys and values can be of different data types. A dictionary is a collection of key-value pairs, where each key is associated with a value. The key and the value can be of any data type, such as String, Integer, Boolean, Object, etc. This allows for more flexibility and versatility in storing and retrieving data³. For example, a dictionary can store employee ID numbers as the key with associated employee surnames as the value, where the key is of type Integer and the value is of type String. To access the value of a specific key, the syntax `dictionaryName(key)` can be used⁴. References: Dictionaries and How to use dictionary? from UiPath documentation and forum.

NEW QUESTION 14

A developer has defined an Int32 variable called IntVar The developer has written the following expression in a Log Message activity.

Convert. ToBoolean(IntVar)

If IntVar = 0, what is displayed in the Output panel after the execution of the Log Message activity?

- A. The value True is displayed
- B. A System.ArgumentNullException is displayed
- C. A System.InvalidCastException is displayed
- D. The value False is displayed

Answer: D

Explanation:

The Convert.ToBoolean method converts a specified value to a Boolean value, which can be either True or False. The method can accept different types of values, such as numbers, strings, objects, etc. However, the conversion rules depend on the type of the value. For numbers, the conversion rule is as follows¹:
? If the value is zero, the method returns False.
? If the value is non-zero, the method returns True.
Therefore, if the IntVar variable is an Int32 variable with the value 0, the expression Convert.ToBoolean(IntVar) will return False. The Log Message activity will display the value False in the Output panel after the execution. References: Convert.ToBoolean Method from UiPath documentation.

NEW QUESTION 16

Which of the following options is correct about a State Machine layout?

- A. Can have multiple initial states and multiple final states.
- B. Can have only one initial state and only one final state.
- C. Can have only one initial state and multiple final states.
- D. Can have multiple initial states and only one final state.

Answer: C

Explanation:

A State Machine layout is a type of workflow that allows developers to create complex and dynamic automation processes that can branch based on user input or predefined conditions. A State Machine layout consists of states, transitions, and triggers. A state represents a specific step or action in the process, a transition defines the direction of the flow between states, and a trigger determines when a transition should occur. A State Machine layout can have only one initial state, which is the starting point of the process, and multiple final states, which are the possible end points of the process. (UiPath Automation Developer study guide)

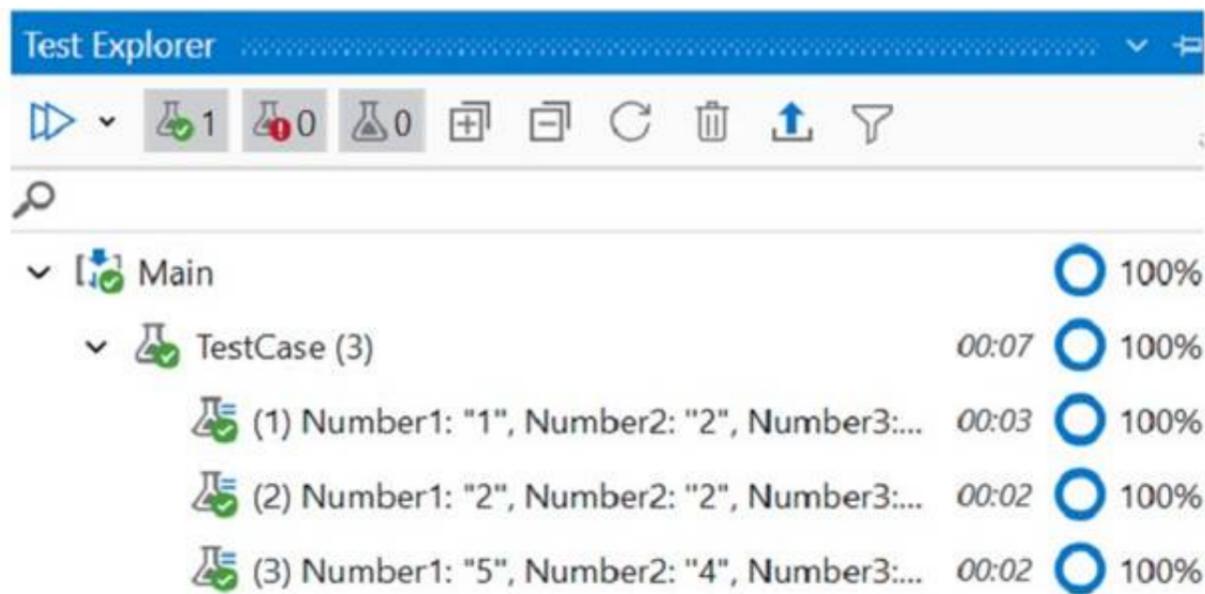
References:

? State Machines

? State Machine Layout

NEW QUESTION 19

What do the percentages from the Test Explorer panel represent?



- A. Correctness of the code percent.
- B. Passing percent.
- C. Coverage percent.
- D. Percent of test data run.

Answer: C

Explanation:

The percentages from the Test Explorer panel represent the coverage of the test cases, which is the ratio of the number of activities that are executed by the test cases to the total number of activities in the project. The higher the coverage, the more thorough the testing is. The coverage percentage is calculated for each test case, test set, and the entire project. You can view the coverage details in the Coverage sub-panel of the Test Explorer1.

References:

? Test Explorer documentation from UiPath

NEW QUESTION 24

What is the purpose of the Capture All Elements feature in Object Repository?

- A. To capture the selected elements of an application from multiple screens simultaneously using the Computer Vision technology.
- B. To capture all the available elements of an application using the Computer Vision technology.
- C. To capture the selected elements of an application using the Computer Vision technology.
- D. To capture all elements of an application from multiple screens simultaneously using the Computer Vision technology.

Answer: D

Explanation:

The Capture All Elements feature is a tool that lives inside Capture Elements from Object Repository, and it extracts all the elements of an application from multiple screens simultaneously using the Computer Vision technology. It adds them to your Object Repository library, so that you can use them in your automation projects without having to manually add them one by one1. This feature is available in Studio and Studio Pro, but not in StudioX2.

References:

? UiPath Community 2021.10 Stable Release - UIAutomation.

? Capture Elements for Object Repository - UiPath Community Forum.

NEW QUESTION 29

Which of the following is an outcome of converting a personal workspace into a folder in UiPath Orchestrator?

- A. The owner of the initial workspace is added by default to the newly created folder and assigned the Folder Administrator role.
- B. The owner of the initial workspace and the admin user are added by default to the newly created folder and assigned the Personal Workspace Administrator role.
- C. The admin user is added by default to the newly created folder with the User Administrator role.
- D. The owner of the initial workspace loses access to the newly created folder and the existing admin users are added by default.

Answer: A

Explanation:

A personal workspace in UiPath Orchestrator is a type of modern folder that allows a user to work on their own automation projects without affecting other users or folders1. A personal workspace can be converted into a regular folder by using the Convert to Folder option in the folder settings2. When this happens, the owner of the initial workspace is added by default to the newly created folder and assigned the Folder Administrator role2. This role gives the user full control over the folder and its entities, such as processes, queues, assets, etc3. The other options are incorrect because they do not reflect the actual outcome of converting a personal workspace into a folder.

References: Personal Workspaces documentation, Use of UiPath Orchestrator Folder Packages and Workspaces, Folder Roles documentation.

NEW QUESTION 30

What is the correct method to check how many resources are utilized in a personal workspace in UiPath Orchestrator?

- A. Navigate to Tenant > Folders, click the All Workspaces tab, and then click Check Resources for the desired workspace.
- B. Navigate to Tenant > Folders, click the Personal Workspaces tab, and then click See Usage for the desired workspace.
- C. Navigate to Tenant > Users, click the Personal Workspaces tab, and then click Resources for the desired workspace.
- D. Navigate to Tenant > Folders, click the Personal Workspaces tab, and then click Manage Resources for the desired workspace.

Answer: B

Explanation:

To check how many resources are utilized in a personal workspace in UiPath Orchestrator, you can use the See Usage option that displays the current consumption of resources for each workspace. You can also see the total number of resources allocated to all personal workspaces in your tenant. (Orchestrator - Personal Workspaces - UiPath Academy) References:

- ? Orchestrator - Personal Workspaces - UiPath Documentation Portal
- ? Orchestrator - Personal Workspaces - UiPath Documentation Portal
- ? Difference Between Tenant and Personal Workspace - Studio - UiPath Forum
- ? Personal Workspace in UiPath Orchestrator - mumas
- ? UiPath Personal Workplaces in Orchestrator | UiPath Academy

NEW QUESTION 35

How does UiPath Integration Service benefit automation developers?

- A. By standardizing authorization and authentication, managing API connections, and enabling faster integration into SaaS platforms.
- B. By offering a comprehensive, unified platform dedicated solely to UI automation, enabling seamless integration with third-party applications.
- C. By enabling developers to create custom UI elements for applications without using APIs.
- D. By substituting the requirement for API automation with UI automation capabilities, delivering a more manageable and user-friendly approach, allowing users to streamline their processes efficiently and effectively facilitating a more rapid integration process.

Answer: A

Explanation:

The UiPath Integration Service is a new feature that seamlessly combines world-class UI and API automation, allowing both capabilities to be centrally accessed within the same integration design environment¹². This empowers developers to flexibly capture all their automation opportunities, even allowing them to deploy both types of integrations within a single automation¹². The UiPath Integration Service also provides the following benefits for automation developers¹²:

- ? By standardizing authorization and authentication, it simplifies the security protocols for connecting to different systems and applications, such as Salesforce, SAP, or Google G Suite².
- ? By managing API connections, it enables developers to create, modify, reuse, and share connections to multiple systems using pre-built connectors or custom connectors².
- ? By enabling faster integration into SaaS platforms, it allows developers to leverage server-side event triggers to start automations based on data updates, insertions, or deletions in external applications².

References:

- ? Introducing UiPath Integration Service | UiPath.
- ? New UiPath Integration Service | UiPath.

NEW QUESTION 40

A developer wants to create a process which runs in the background and uses Excel activities Which property of the Excel Application Scope activity must be configured for the process to run in the background?

- A. Private
- B. Visible
- C. Save changes
- D. Read-only

Answer: B

Explanation:

The Visible property of the Excel Application Scope activity determines whether the Excel file is opened in the foreground or in the background. If the Visible property is set to True (default value), the Excel file is opened and displayed on the screen. If the Visible property is set to False, the Excel file is opened and processed in the background, without showing the user interface. This can improve the performance and speed of the automation, as well as avoid any interference with the user's work. Therefore, to create a process that runs in the background and uses Excel activities, the Visible property of the Excel Application Scope activity must be configured to False. References: Excel Application Scope from UiPath documentation.

NEW QUESTION 42

When installing UiPath Studio, which of the following actions require administrator privileges?

- A. Administrator privileges are not required for installing UiPath Studio.
- B. Administrator privileges are required for installing the robot in both service mode and user mode.
- C. Administrator privileges are required for installing the robot in user mode.
- D. Administrator privileges are required for installing the robot in service mode.

Answer: D

NEW QUESTION 43

A developer is using a Global Exception Handler as an error handling mechanism for a project. By default, how many times does a Global Exception Handler retry an activity that continually throws an error?

- A. 2
- B. 3
- C. 4
- D. 5

Answer: B

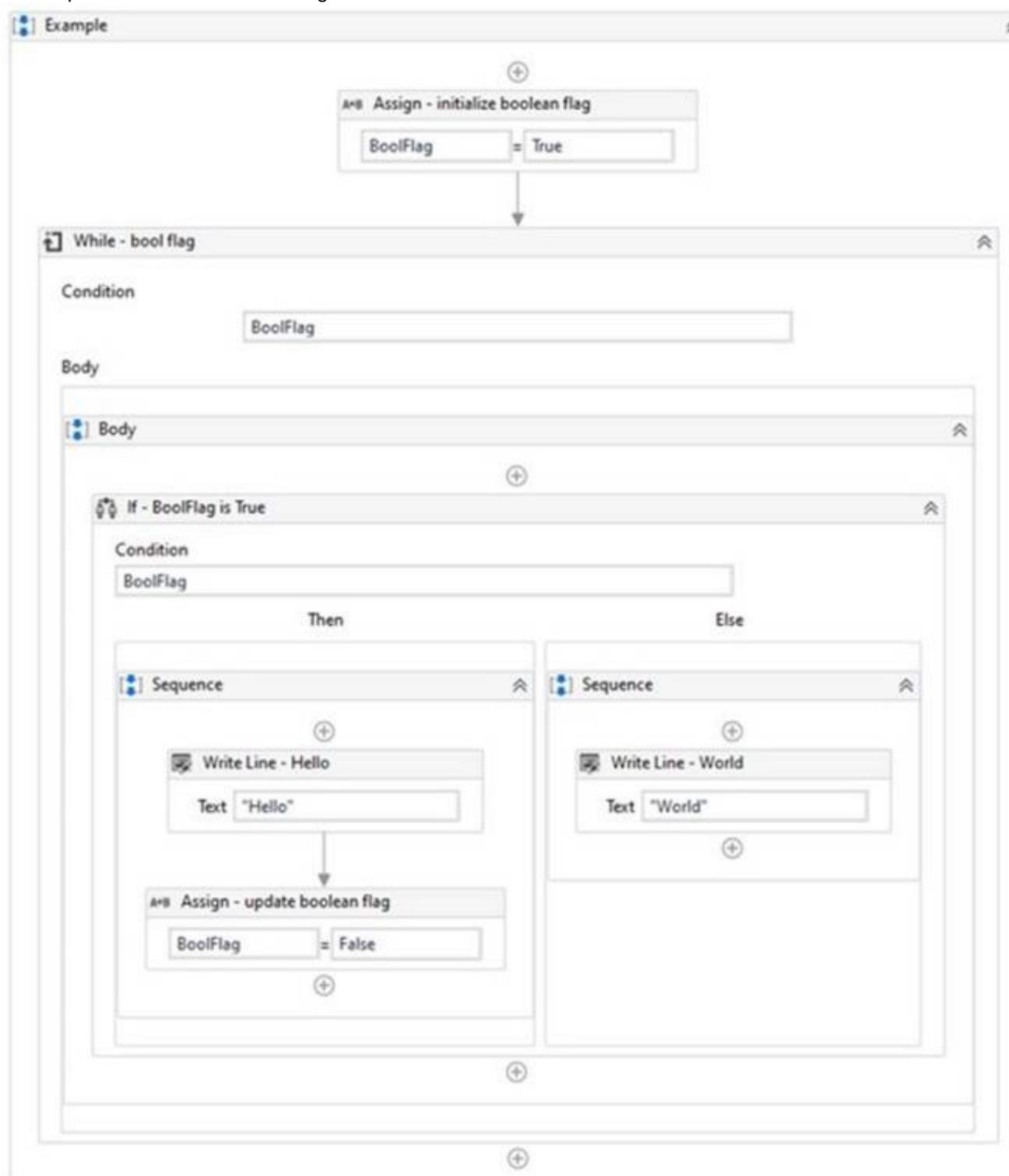
Explanation:

The Global Exception Handler is an error handling mechanism for a project. By default, it retries an activity that continually throws an error 3 times. The Global

Exception Handler is a workflow that is executed when an exception occurs in the project. It allows the developer to define custom actions for handling different types of exceptions, such as logging, retrying, aborting, or continuing the execution¹. When the Global Exception Handler encounters an exception, it logs the name of the activity which faulted and starts retrying the activity three times. If it encounters the same exception each time and the number of retries reaches 3, the execution is aborted at the level of the activity which threw the exception². The number of retries can be modified by changing the value of the RetryCount variable in the Global Exception Handler workflow³. References: Global Exception Handler and Global Handler for Exceptions from UiPath documentation and Marketplace.

NEW QUESTION 47

A developer has created the following workflow:



Based on the exhibit, which output is produced in the Output panel?

- A. World Hello
- B. World
- C. Hello World
- D. Hello

Answer: C

Explanation:

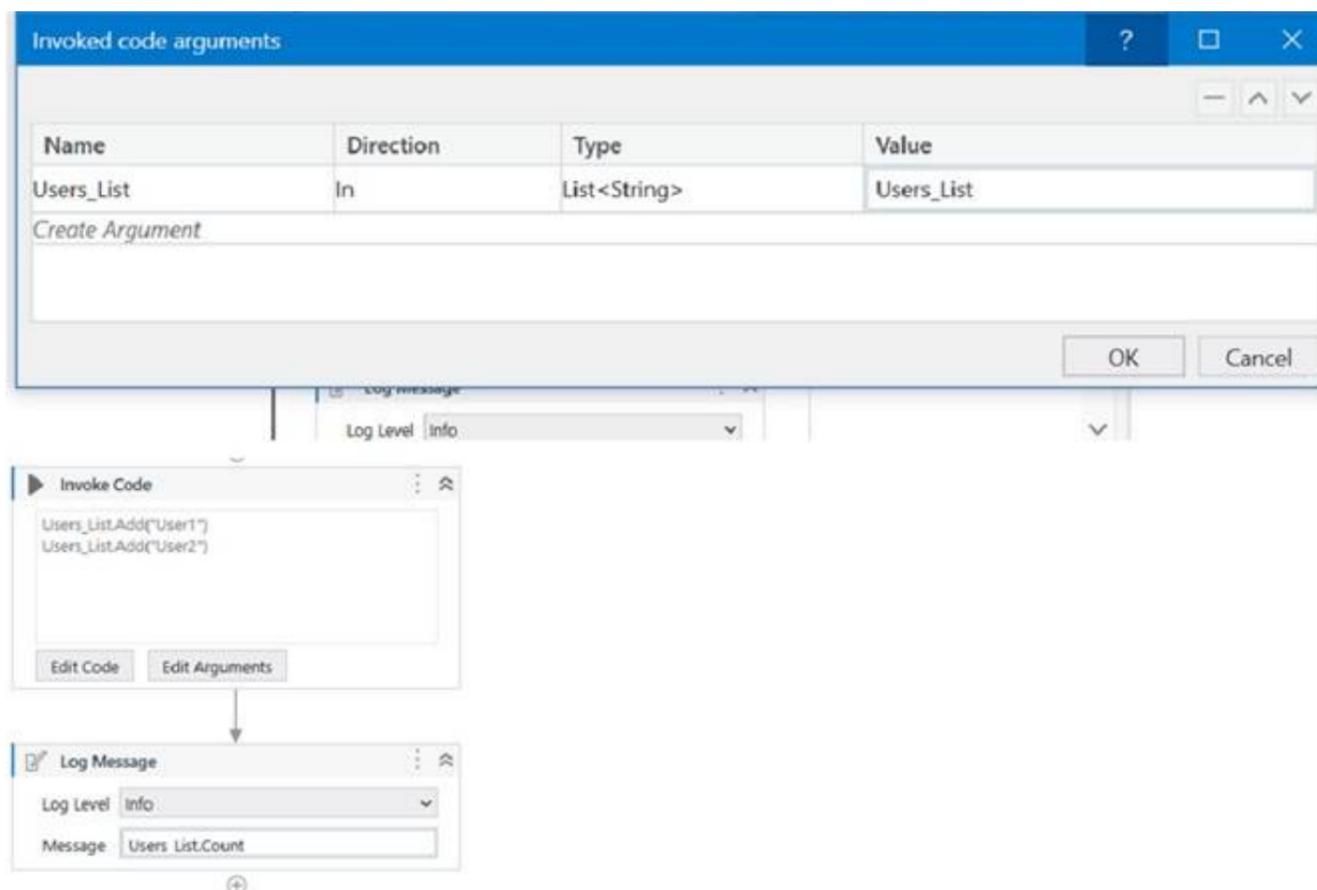
The output panel will display "Hello World" because the workflow is designed to first display "Hello" and then "World" in the output panel. The workflow starts with an Assign activity that initializes the Boolean flag to True. Then, the While activity checks if the flag is True. If it is, the workflow enters the Body section of the While activity. Inside the Body section, the workflow checks if the flag is True. If it is, the workflow enters the Then section of the If activity and displays "Hello" in the output panel. Then, the Assign activity sets the flag to False. Since the flag is now False, the workflow enters the Else section of the If activity and displays "World" in the output panel. Finally, the workflow exits the While activity since the flag is now False.

References:

- ? [Assign Activity - UiPath Activities]
- ? [While Activity - UiPath Activities]
- ? [If Activity - UiPath Activities]
- ? [Write Line Activity - UiPath Activities]

NEW QUESTION 48

A developer has created a variable of type List of Strings named "UsersList", and initialized it with an empty list: "UsersList = new List(Of String)". What is printed in the log message after the following Invoke Code is executed?



- A. 2
- B. Object reference not set to an instance exception is thrown
- C. System Argument Exception is thrown

Answer: A

Explanation:

The code is adding two items to the list, but since the list is initialized as an empty list, the count will be 0.

References:

- ? Data Manipulation with Lists and Dictionaries in Studio course, Lesson 2: Lists, Topic: Creating Lists
- ? How to initiate List<String[]>? forum post, Answer by @VishalS

NEW QUESTION 50

What will be the outcome when executing a Try Catch activity with a sequence placed within the Try section and no Catches section present?

- A. In case of an exception, a System Exception will be caught by default.
- B. Due to a validation error, the workflow will not execute.
- C. Process execution will terminate only if the sequence throws an exception.
- D. The sequence will result in a runtime error.

Answer: B

Explanation:

According to the UiPath documentation, the Try Catch activity requires at least one catch to be added. If there is no catch defined for the Try Catch activity, the workflow will not pass the validation and will not execute. The validation error message will say: "Try Catch: At least one catch must be added to the Try Catch activity." Therefore, the outcome of executing a Try Catch activity with a sequence placed within the Try section and no Catches section present will be a validation error. References: Activities - Try Catch

NEW QUESTION 54

A developer has defined the StrVar variable of type String Which expression should the developer use to return four characters starting with the second character?

- A. StrVar.Substring(1, 4)
- B. StrVar.Substnng(1, 5)
- C. StrVar.Substring (2, 4)
- D. StrVar.Substring (2, 5)

Answer: A

Explanation:

The Substring method is used to extract a part of a string based on a specified starting index and length. The syntax of the Substring method is: string.Substring(startIndex, length) where startIndex is the zero-based position of the first character in the substring, and length is the number of characters in the substring. For example, if the string is "Hello", then string.Substring(1, 2) will return "el", as it starts from the second character (index 1) and takes two characters. To return four characters starting with the second character, the startIndex should be 1 and the length should be 4. Therefore, the expression should be: StrVar.Substring(1, 4) References: Substring and How to manipulate a part of string: Split, Trim, Substring, Replace, Remove, Left, Right from UiPath documentation and forum.

NEW QUESTION 57

A developer defines new log fields using the Add Log Fields activity. When will the custom log fields stop being added to the robot execution logs?

- A. When an Exception is caught and handled.

- B. When a Remove Log Fields activity is used to remove them.
- C. When a Log Message activity is executed with Log Level = Warn or higher.
- D. When the first Log Message activity is executed.

Answer: B

Explanation:

The Add Log Fields activity adds custom log fields to the Robot Execution Logs for every Log Message execution throughout the entire workflow¹. The custom log fields will persist until a Remove Log Fields activity is used to remove them². The other options are not correct.

References:

- ? Add Log Fields documentation, Description section
- ? Add log field forum post, Answer by @vvaitya

NEW QUESTION 62

In the context of the REFramework, if the OrchestratorQueueName key is present in both the Settings and Assets sheets, but an asset with the corresponding name is not present in Orchestrator, what will be the behavior at run time?

- A. The flow will throw an exception in InitAllSettings workflow.
- B. The flow will use the value from the Settings sheets since the asset is missing.
- C. An empty string will be saved for the "OrchestratorQueueName" key in the config dictionary.
- D. The "OrchestratorQueueName" key is not added to the config dictionary and the flow will throw in Get Transaction Data workflow.

Answer: B

Explanation:

The REFramework template is a robust and scalable framework for building RPA projects¹. It uses a config file to store the settings and constants that are used throughout the project². The config file has two sheets: Settings and Assets. The Settings sheet contains the key-value pairs that are read by the InitAllSettings workflow and stored in the config dictionary. The Assets sheet contains the names of the assets that are stored in Orchestrator and need to be retrieved by the InitAllApplications workflow. The OrchestratorQueueName key is used to specify the name of the queue that is used to store the transaction items for the process. If the OrchestratorQueueName key is present in both the Settings and Assets sheets, but an asset with the corresponding name is not present in Orchestrator, the behavior at run time will be as follows:

- ? The InitAllSettings workflow will read the value of the OrchestratorQueueName key from the Settings sheet and store it in the config dictionary.
 - ? The InitAllApplications workflow will try to retrieve the asset with the name OrchestratorQueueName from Orchestrator using the Get Asset activity. Since the asset does not exist, the activity will throw an exception.
 - ? The exception will be caught by a Try Catch block and handled by a Log Message activity with level Warning and message "Asset not found: OrchestratorQueueName".
 - ? The flow will continue with the next asset in the Assets sheet or move to the next state if there are no more assets.
 - ? The flow will use the value of the OrchestratorQueueName key from the config dictionary whenever it needs to access or update the queue.
- Therefore, option B is correct. Option A is incorrect because the exception is thrown in InitAllApplications workflow, not InitAllSettings workflow. Option C is incorrect because an empty string is not saved for the OrchestratorQueueName key in the config dictionary. Option D is incorrect because the OrchestratorQueueName key is added to the config dictionary and the flow does not throw in Get Transaction Data workflow.

References:

- ? How to Use Enhanced REFramework to Implement UiPath Projects article from UiPath
- ? Config.xlsx documentation from UiPath
- ? [InitAllSettings.xaml] documentation from UiPath
- ? [InitAllApplications.xaml] documentation from UiPath
- ? [TransactionItem Variable] documentation from UiPath

NEW QUESTION 66

When should a static selector be used versus a dynamic selector?

- A. When a standard selector contains a tag value that changes for each execution
- B. When all the attributes or tags remain the same for each execution
- C. When a standard selector contains an attribute value that changes for each execution
- D. When the selector needs to interact with different types of elements on the same page

Answer: B

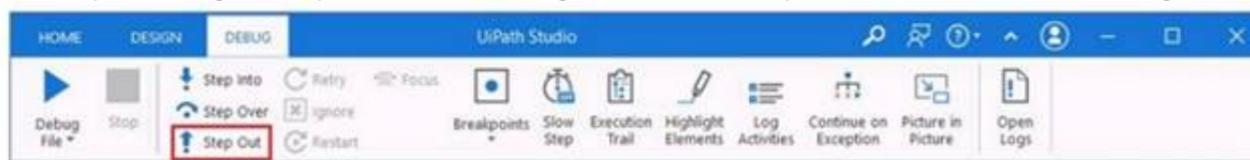
Explanation:

A static selector should be used when all the attributes or tags remain the same for each execution. A static selector is a selector that has fixed values for the attributes or tags of the target element. A static selector can reliably identify the target element as long as the element does not change its properties or position on the screen. A static selector is suitable for simple and stable UI elements that have consistent and unique selectors¹. For example, a static selector can be used to click on a button that has the same name and ID every time the automation runs.

References: Static Selectors and Selectors from UiPath documentation.

NEW QUESTION 70

A developer is using the Step Out action in Debug mode to review a process as shown in the following exhibit.



Which functionality does the Step Out action provide?

- A. Pauses at an activity that caused an error
- B. Re-executes the activity which threw an exception
- C. Executes only one activity at a time and then pauses
- D. Executes activities in the current container and then pauses

Answer: D

Explanation:

The Step Out action is used for stepping out and pausing the execution at the level of the current container. Step Out completes the execution of activities in the current container, before pausing the debugging. This option works well with nested sequences¹. In the exhibit, the Step Out action will execute all the activities inside the Sequence container and then pause at the next activity in the Main workflow. References: Debugging Actions from UiPath documentation.

NEW QUESTION 75

In a UiPath REFramework project, what is the primary purpose of using Custom Log Fields?

- A. To add specific contextual information to log messages that are relevant to the automation process.
- B. To generate extra variables alongside log messages, enhancing workflow understanding.
- C. To maintain contextual insights within log messages, including secure details like credentials.
- D. To modify the representation of logged contextual data as it is displayed in the Orchestrator.

Answer: A

Explanation:

The Add Log Fields activity allows developers to create custom log fields that are added to the Robot Execution Logs. These custom log fields can be used to store and display additional information that is relevant to the automation process, such as transaction ID, invoice number, customer name, etc. The custom log fields can help to improve the traceability and analysis of the automation process, as well as to filter and group the logs based on specific criteria. (UiPath Automation Developer study guide)

References:

? Add Log Fields

? Logging and Log Levels

NEW QUESTION 77

What distinguishes the Settings sheet from the Assets sheet in the "Config.xlsx" file?

Settings sheet contains Credential Assets stored in Orchestrator. Assets sheet contains hard-coded values.

- A. Settings sheet contains hard-coded value
- B. Assets sheet contains all names of Orchestrator Assets including those of type Credential.
- C. Settings sheet contains only values used for the initialization of application
- D. Assets sheet contains only Credential Assets stored in Orchestrator.
- E. Settings sheet contains hard-coded value
- F. Assets sheet contains all names of Orchestrator Assets except those of type Credential.

Answer: C

Explanation:

The Config.xlsx file is a configuration file that stores the values of various parameters used in the automation process¹. It has three sheets: Settings, Constants, and Assets². The Settings sheet contains hard-coded values that may need to be changed occasionally, such as file paths, file names, timeout values, etc²³. The Constants sheet contains values that are universal variables for the process, such as selectors, URLs, etc²³. The Assets sheet contains the names of Orchestrator Assets that are used to store dynamic values that can be accessed across different processes, such as credentials, text, boolean, integer, etc²⁴. However, the Assets sheet does not contain the names of Credential Assets stored in Orchestrator, because they are retrieved using a different activity (Get Credentials) than other assets (Get Asset). Therefore, the Credential Assets are stored in the Settings sheet instead of the Assets sheet.

References: Config.xlsx documentation, Settings, Constants and Assets sheet in config file, Config Dictionary in ReFramework without Excel, Custom Configuration File Reader, [UiPath Framework - Assets VS Settings Sheet of Config.xlsx].

NEW QUESTION 78

When is the Anchor Base activity used to automate interaction with an application?

- A. When the element selector is reliable but the element's position on the screen changes
- B. When all the element selectors in the application are reliable
- C. When no element selectors are available in the automated application
- D. When the element selector is not reliable and the element's position on the screen changes

Answer: D

Explanation:

The Anchor Base activity is used to automate interaction with an application when the element selector is not reliable and the element's position on the screen changes. The Anchor Base activity consists of two parts: an anchor and an action. The anchor is a UI element that has a reliable selector and a fixed position relative to the target element. The action is the activity that performs the desired operation on the target element. The Anchor Base activity uses the anchor to locate the target element based on its relative position (left, right, top, bottom) and then executes the action on it. This way, the automation can handle dynamic and complex UI elements that have unreliable selectors or change their position on the screen. References: Anchor Base and Example for Anchor Base Activity from UiPath documentation and forum.

NEW QUESTION 83

Which of the following demonstrates the correct syntax for using the Vb.Net "If" Operator?

- A. If(condition1, valuelfTrue, valuelfFalse)
- B. If(condition1, valuelfTrue) Elself(valuelfFalse)
- C. If condition1 Then valuelfTrue Elself valuelfFalse
- D. valuelfTrue If condition1 Else valuelfFalse

Answer: A

NEW QUESTION 84

Which of the following statements is true about the existing UiPath Studio installation packages?

- A. The Attended Robot installation package installs only UiPath Studio, and Robot.
- B. The Attended Robot installation package installs only the UiPath Robot.
- C. The Unattended Robot installation package installs only UiPath Studio, Assistant, and Robot.
- D. The Automation Developer installation package installs only UiPath Studio, Assistant, and Robot.

Answer: D

Explanation:

The Automation Developer installation package is a standalone installer that allows you to install UiPath Studio, Assistant, and Robot on your computer. This package is suitable for developers who want to create and test automation projects in UiPath Studio. (UiPath Studio - Installation Options - UiPath Academy)

References:

- ? Studio - Installation Options - UiPath Documentation Portal
- ? [UiPath Studio - Installation Options - UiPath Academy]
- ? [UiPath Studio - Installation Guide - UiPath Academy]

NEW QUESTION 85

Which of the following statements is true about Global Constants?

- A. Global Constants can be created only from the Data Manager panel.
- B. Global Constants values can be modified during the automation execution.
- C. Global Constants have a Direction property (In/Out).
- D. Global Constants can be created from the Data Manager panel and from the Variables panel.

Answer: D

Explanation:

Global Constants are a type of variables that can store data in a central location that can be accessed by all workflows and activities in a project. Unlike Global Variables, Global Constants have a fixed value that cannot be modified during the automation execution. Global Constants can be created from two places in UiPath Studio: the Data Manager panel and the Variables panel. The Data Manager panel is a new feature in UiPath 2022.10 that allows the developer to manage all the data elements of a project, such as variables, arguments, data types, and data sources. The Variables panel is a classic feature that allows the developer to create and edit variables for a specific workflow. To create a Global Constant from the Data Manager panel, the developer needs to select the Constants tab, click on the New Constant button, and fill in the required fields, such as name, type, value, and description. To create a Global Constant from the Variables panel, the developer needs to select the Global scope, click on the Create Variable button, and fill in the required fields, such as name, type, value, and description. In both cases, the developer needs to make sure that the Is Constant option is checked, which indicates that the variable is a constant and cannot be changed.

References:

- ? Global Variables and Constants - UiPath Community Forum
- ? Data Manager - UiPath Studio
- ? Variables Panel - UiPath Studio

NEW QUESTION 90

What is the main function of the UiPath Remote Runtime component?

- A. It facilitates the communication between a remote application or desktop and the dedicated UiPath extension, allowing selectors to be natively generated in UiExplorer.
- B. It enables the use of OCR and image recognition activities on remote applications or desktops, without any extensions, allowing selectors to be natively generated in UiExplorer.
- C. It introduces support for headless browser automation, so browser automation doesn't necessarily have to rely on visual elements on screen, such as window frames.
- D. It allows automations to run on the user machine, in a different Windows session.

Answer: A

Explanation:

The UiPath Remote Runtime component is a component that enables the communication between a remote application or desktop, such as Citrix Virtual Apps, and the dedicated UiPath extension, such as the UiPath Extension for Citrix or the UiPath Extension for Windows Remote Desktop. It gathers information about the targeted UI elements of the remote applications and sends them to the corresponding extension, so that selectors can be natively generated in UiExplorer1. This way, you can create and manage tasks and exchanges between users and external applications using the authentication process of the API provider2. The UiPath Remote Runtime component is required to establish the connection between an application or desktop server and a corresponding UiPath extension installed on a client machine, without having to rely on OCR and image recognition activities3.

References:

- ? Studio - About UiPath Remote Runtime - UiPath Documentation Portal.
- ? Integration Service - Connections - UiPath Documentation Portal.
- ? UiPath UiPath Runtime - Citrix Ready Marketplace.

NEW QUESTION 95

A developer designed an automation to use an Asset value from Orchestrator using the Get Asset activity. The value represents email addresses of the process owners which may change.

Which Asset Type should be used?

- A. Bool
- B. Credential
- C. Text
- D. Integer

Answer: C

Explanation:

The Asset Type that should be used for storing email addresses of the process owners is Text. Text assets are used to store only string values, such as names, addresses, URLs, etc. Text assets can be easily retrieved and updated using the Get Asset and Set Asset activities in UiPath Studio. Text assets are suitable for storing email addresses, as they can contain alphanumeric characters, symbols, and special characters. Text assets can also be used in various activities that require string input or output, such as Send Email, Write Line, Assign, etc.

References: About Assets and Assets in UiPath Orchestrator and their usage in project from UiPath documentation and RPA Learners.

NEW QUESTION 96

How would you define a linear process in UiPath?

- A. The steps of the process repeat multiple times over different data item
- B. However, the automation design is such that each repeatable part processes independently.
- C. The steps of the process are performed multiple times, but each time different data items are used.
- D. The steps of the process refer to the execution of steps in a sequential manner, where each subsequent step depends on the successful completion of the previous step.
- E. The process steps are performed only once
- F. If the need is to process additional data, then the automation must execute again.

Answer: D

Explanation:

A linear process in UiPath is a type of automation process that consists of a series of steps that are executed only once for a single data item or transaction. A linear process does not have any loops or iterations, and it does not depend on any external factors or conditions. A linear process is suitable for scenarios where the automation process is simple, straightforward, and does not require any dynamic branching or decision making. (UiPath Automation Developer study guide)

References:

- ? Framework for linear process or single transaction
- ? How to modify ReFramework to Linear Process
- ? Difference between Linear process and Transactional process

NEW QUESTION 101

In a UiPath project that uses State Machines, under what circumstances should the Final State activity be used in the project?

- A. When initiating the first state of a state machine.
- B. When marking the successful completion or termination of a state machine's execution.
- C. When a particular state contains complex conditional logic.
- D. When an intermediary state has multiple possible transitions.

Answer: B

Explanation:

The Final State activity is used to indicate the end of a state machine's execution, either successfully or with an error¹. The Final State activity has only one section, Entry, where you can add activities to perform before exiting the state machine². You can have more than one Final State in a state machine, but you can only create one Initial State³. The Final State activity should be used when you want to mark the completion or termination of a state machine's execution, not when initiating the first state, handling complex logic, or having multiple transitions.

<https://docs.uipath.com/activities/other/latest/workflow/final-state>

NEW QUESTION 102

A developer is working on an automation using the REFramework. Each transaction item represents a piece of client information. For each customer, the automated procedure must click the

"Generate Shipment Details" button. This generates a table of shipment records for each customer.

What type of exception occurs when the data is not accessible, the created table displays only the header row, and processing for that client must be halted?

- A. ApplicationException
- B. BusinessException
- C. SystemException
- D. NullReferenceException

Answer: B

Explanation:

A BusinessException occurs when a business rule is violated or a business requirement is not met during the execution of a process. In this case, the data is not accessible and the created table displays only the header row, which means that the expected output for the client is not generated. Therefore, processing for that client must be halted and a BusinessException must be thrown. (UiPath Studio - Exception Handling

- UiPath Academy) References:

- ? Studio - Exception Handling - UiPath Documentation Portal
- ? UiPath Studio - Exception Handling - UiPath Academy
- ? REFramework in UiPath | Robotic Enterprise Framework - SOAIS

NEW QUESTION 104

Which two parts are included in an Anchor Base activity?

- A. Anchor and Action
- B. Anchor and Condition
- C. Anchor and Trigger Scope
- D. Anchor and Sequence

Answer: A

Explanation:

The two parts that are included in an Anchor Base activity are Anchor and Action. The Anchor Base activity is a container that searches for a UI element by using

other UI elements as anchors. This should be used when a reliable selector is not available. The Anchor Base activity has two sections: Anchor and Action. The Anchor section contains an activity that identifies the anchor element, such as Find Element or Find Image. The Action section contains an activity that performs an action on the target element, such as Click or Type Into. The Anchor Base activity also has a property called AnchorPosition, which specifies the relative position of the target element to the anchor element, such as left, right, top, or bottom². For example, if the Anchor Base activity is used to click on a button that is always to the right of a label, the Anchor section can use the Find Element activity to find the label, the Action section can use the Click activity to click on the button, and the AnchorPosition property can be set to Right³.

References: Anchor Base and How to properly use AnchorBase activity? from UiPath documentation and forum.

NEW QUESTION 107

What is the recommended approach for handling tabular data when building a REFramework transactional project in UiPath?

- A. Implement custom activities to handle the tabular data.
- B. Convert the tabular data into a string format and store it in a single variable.
- C. Use separate variables to store each column of the tabular data.
- D. Utilize a DataTable variable to store and process the tabular data.

Answer: D

Explanation:

A DataTable variable is a data structure that can store and manipulate tabular data in UiPath. A DataTable variable has rows and columns that correspond to the rows and columns of the tabular data source, such as an Excel or CSV file. A DataTable variable can be used to store the input data for a REFramework transactional project, where each row represents a transaction item. The REFramework template can be modified to use a DataTable variable as the TransactionItem type and to process each row in the GetTransactionData and ProcessTransaction workflows. Using a DataTable variable is the recommended approach for handling tabular data when building a REFramework transactional project in UiPath, because it is efficient, flexible, and easy to use. (UiPath ReFramework documentation¹)

References:

? 1: Robotic Enterprise Framework Template - UiPath Studio.

NEW QUESTION 111

What is the functionality of the Include Subfolders filter in the Monitoring pages when a modern folder is selected?

- A. It allows you to choose between background and foreground processes for the displayed data.
- B. It allows you to select whether the contents of the selected folder's subfolders are displayed.
- C. It enables you to sort the displayed data based on job priorities.
- D. It allows you to allocate licenses per machine for the displayed data.

Answer: B

Explanation:

The Include Subfolders filter is a toggle button that appears in the Monitoring pages when a modern folder is selected from the Folders drop-down list¹. The modern folders are folders that can have subfolders and support role-based access control². The Include Subfolders filter allows you to choose whether to display the data for the selected folder only, or for the selected folder and all its subfolders³. This filter applies to the Jobs, Queues, Triggers, and Robots pages⁴. The Include Subfolders filter helps you to monitor and manage the processes and resources across different levels of folders. <https://forum.uipath.com/t/read-all-file-from-sub-folder-and-sub-folder-of-sub-folder/460493>

NEW QUESTION 115

During which stage does an automation developer have the least contribution and responsibility?

- A. In the Discovery and Kickoff, Process Analysis, and Solution Design stages.
- B. In the Development and Unit Testing, Integration and UAT, and Deployment and Hypercare stages.
- C. In the Solution Design, Development and Unit Testing, and Deployment and Hypercare stages.
- D. In the Discovery and Kickoff, Development and Unit Testing, and Deployment and Hypercare stages.

Answer: A

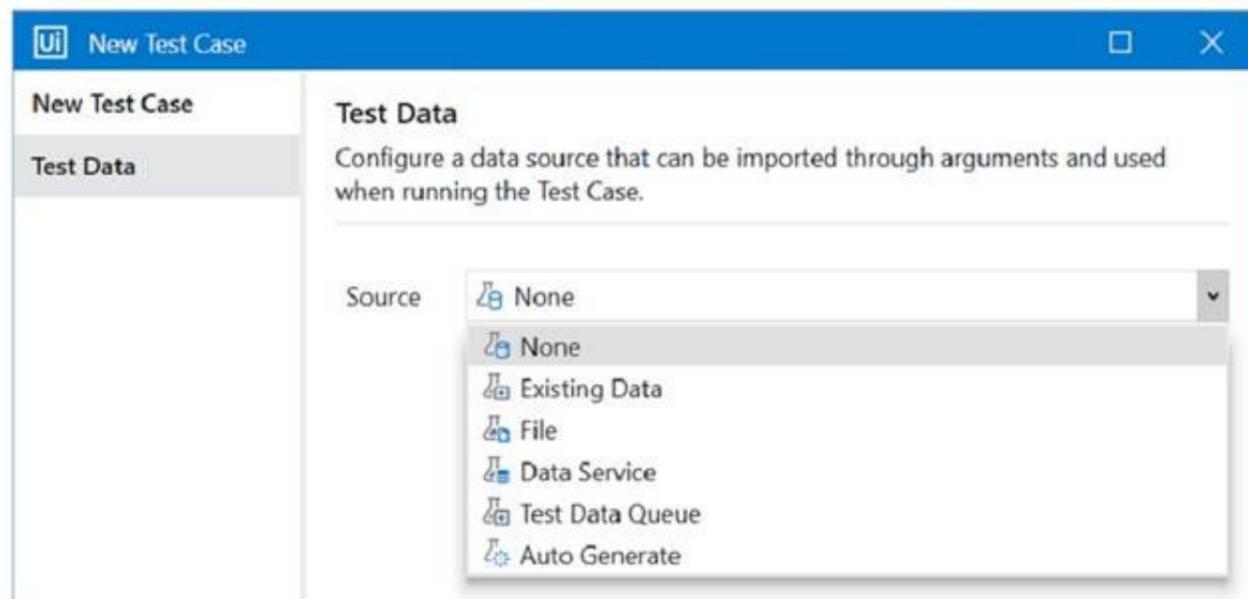
Explanation:

According to the UiPath Automation Implementation Methodology, the automation lifecycle consists of six stages: Discovery and Kickoff, Process Analysis, Solution Design, Development and Unit Testing, Integration and UAT, and Deployment and Hypercare. The automation developer has the least contribution and responsibility in the first three stages, as they are mainly focused on identifying, analyzing, and designing the automation solution. The automation developer's role is more prominent in the last three stages, as they are responsible for developing, testing, deploying, and monitoring the automation projects and components.

References: Automation Lifecycle - Standalone, Automation Developer

NEW QUESTION 118

When creating a new test case, which option restricts dynamic data update in UiPath Orchestrator once the test case is published?



- A. Data Service
- B. File
- C. Test Data Queue
- D. Data Service with Filter

Answer: B

Explanation:

When creating a new test case in UiPath Orchestrator, you can choose a source for the test data that can be imported through arguments and used when running the test case¹. The source can be one of the following options: None, Existing Data, File, Data Service, or Test Data Queue². The option that restricts dynamic data update once the test case is published is File. This option allows you to upload a file (such as Excel or JSON) that contains the test data². However, once the file is uploaded, you cannot modify or replace it without republishing the test case³. Therefore, the test data is static and cannot be updated dynamically. The other options allow dynamic data update in different ways. For example, Data Service allows you to use an existing table from Data Service as the test data source and filter it by using a SQL query². You can update the table in Data Service and the changes will be reflected in the test case without republishing it⁴.
References: Test Cases documentation, New Test Case window description, Updating the test data sets forum post, Data Service documentation.

NEW QUESTION 123

A developer stored a UiPath Studio project remotely in GIT. Which feature allows the developer to view the project on their local machine?

- A. Clone Repository
- B. Copy to GIT
- C. Disconnect
- D. GIT Init

Answer: A

Explanation:

The Clone Repository feature allows the developer to copy a remote GIT repository to a local working directory. This way, the developer can view and edit the project on their local machine. The Copy to GIT feature allows the developer to copy the current project to an existing GIT repository. The Disconnect feature allows the developer to disconnect the current project from the GIT repository. The GIT Init feature allows the developer to add the current project to a local GIT repository. References: Managing Projects with GIT

NEW QUESTION 125

A developer initialized a String array, `listOfMonthsByQuarter = {"1", "2", "3"}` Which data type and value are retrieved when `listOfMonthsByQuarter(2)` is used at runtime?

- A. Data Type Int32 Value: 2
- B. Data Type- Int32 Value: 3
- C. Data Type: String Value
- D. 2
- E. Data Typ
- F. String: Value 3

Answer: D

Explanation:

The `listOfMonthsByQuarter` variable is a String array, which means it can store multiple values of type String. Each value in the array has an index, which is a number that indicates its position in the array. The index starts from 0, so the first value has index 0, the second value has index 1, and so on. To access a specific value in the array, we can use the syntax `arrayName(index)`. For example, `listOfMonthsByQuarter(0)` will return the first value in the array, which is "1". Similarly, `listOfMonthsByQuarter(2)` will return the third value in the array, which is "3". Therefore, the data type of `listOfMonthsByQuarter(2)` is String, and the value is "3". References: Arrays and Variables from UiPath documentation.

NEW QUESTION 128

Based on best practice, which set of features are used before debugging a workflow in UiPath Studio?

- A. Execution Trail and Picture in Picture
- B. Analyze Project and Validate File
- C. Highlight Elements and Focus

D. Ignore and Restart

Answer: B

Explanation:

Based on best practice, the set of features that are used before debugging a workflow in UiPath Studio are Analyze Project and Validate File. Analyze Project is a feature that allows the developer to run the Workflow Analyzer on the entire project or a specific workflow file. The Workflow Analyzer checks the project or the file for potential errors, performance issues, best practices violations, and compliance risks, and generates a report with the analysis results and recommendations¹. Validate File is a feature that allows the developer to check the current workflow file for any syntax or semantic errors, such as missing or invalid activities, arguments, variables, or expressions. The Validate File feature also displays the error list and the location of the errors in the workflow file². By using these features before debugging, the developer can ensure that the workflow is free of any errors or issues that might affect the execution or the quality of the automation. References: Analyze Project and Validate File from UiPath documentation.

NEW QUESTION 130

A developer wants to extract hidden text from a pdf file. Which output method(s) should be used?

- A. FullText and Native
- B. Native only
- C. OCR
- D. FullText only

Answer: D

Explanation:

To extract hidden text from a pdf file, the output method that should be used is FullText only. The FullText output method is one of the options available in the Read PDF Text activity, which reads all the characters from a specified pdf file and stores them in a string variable³. The FullText output method extracts the text from the pdf file as it is, without keeping the formatting or the position of the text. The FullText output method can also extract the hidden text from the pdf file, which is the text that is not visible on the screen, but can be copied and pasted into another application⁴. For example, the hidden text can be the metadata, comments, or annotations of the pdf file. The FullText output method is suitable for extracting hidden text from a pdf file, as it does not depend on the visibility or the layout of the text. The other output methods, such as Native or OCR, are not suitable for extracting hidden text from a pdf file, as they rely on the appearance or the position of the text on the screen. The Native output method preserves the formatting and the position of the text, but it cannot extract the text that is not visible or selectable⁵. The OCR output method converts the text from the pdf file into an image and then extracts the text from the image, but it cannot extract the text that is not displayed or recognized by the OCR engine⁶.

References: Read PDF Text, Extracting Hidden Text from PDF, Native, and OCR from UiPath documentation and forum.

NEW QUESTION 133

What actions must be manually selected in the App/Web Recorder before recording a step?

- A. Copy text using the Get Text activity. Hover over an element using the Hover activity.
- B. Highlight an element using the Highlight activity.
- C. Copy text using the Get Text activity. Hover over an element using the Hover activity. Click on buttons, links, and other clickable elements such as icons or image.
- D. Type text in a text area such as a text box. Select or clear a check box.
- E. Select or clear a check box. Send keyboard shortcuts using your keyboard.
- F. Select an item from a drop-down.
- G. Click on buttons, links, and other clickable elements such as icons or image.
- H. Type text in a text area such as a text box. Select or clear a check box. Send keyboard shortcuts using your keyboard.
- I. Select an item from a drop-down.

Answer: A

Explanation:

The App/Web Recorder is a tool that allows you to record your actions on an application or a web browser and generate activities automatically¹. The App/Web Recorder has a toolbar that contains different actions that you can select before recording a step². Some of these actions are:

? Click: This action records a click on a button, link, or any other clickable element.

? Type: This action records typing text in a text box or any other text area.

? Check: This action records selecting or clearing a check box.

? Send Hotkey: This action records sending keyboard shortcuts using your keyboard.

? Select Item: This action records selecting an item from a drop-down list or any other selector.

These actions are automatically detected and recorded by the App/Web Recorder when you perform them on the application or web browser³. However, there are some actions that are not automatically detected and recorded by the App/Web Recorder, and you need to manually select them from the toolbar before recording a step. These actions are:

? Get Text: This action records copying text from a label, paragraph, or any other text element.

? Hover: This action records hovering over an element with your mouse cursor.

? Highlight: This action records highlighting an element with a colored border. These actions are useful for extracting data, triggering events, or identifying elements on the application or web browser⁴. To use these actions, you need to select them from the toolbar and then indicate the element on the screen that you want to apply them to⁵.

Therefore, option A is the correct answer, as it lists the actions that must be manually selected in the App/Web Recorder before recording a step. Option B includes some actions that are automatically detected and recorded by the App/Web Recorder, such as Click and Type. Option C also includes some actions that are automatically detected and recorded by the App/Web Recorder, such as Check and Send Hotkey. Option D includes all the actions that are automatically detected and recorded by the App/Web Recorder.

NEW QUESTION 138

Which activity is used to archive a set of files and send them as an attachment in an email?

- A. Create Folder
- B. Archive Files
- C. Compress/Zip Files
- D. Create File

Answer: C

Explanation:

The Compress/Zip Files activity is used to archive a set of files and send them as an attachment in an email. This activity allows the developer to specify the source folder that contains the files to be archived, the destination folder where the compressed file will be created, and the name of the compressed file. The activity also supports various compression formats, such as zip, tar, gz, bz2, xz, and 7z. The compressed file can then be attached to an email using the AttachmentsCollection property of the Send Mail activity. This way, the developer can reduce the size and number of the files to be sent, as well as protect them with a password if needed.

References:

? Compress/Zip Files - UiPath Activities

? Send Mail - UiPath Activities

? How to send multiple files in one attachment in uipath - UiPath Community Forum

NEW QUESTION 139

When using a dynamic selector which data type is supported?

- A. UiElement
- B. Double
- C. String
- D. Data Table

Answer: C

Explanation:

When using a dynamic selector, the data type that is supported is String. A dynamic selector is a selector that uses a variable or an argument as a property for the attribute of the target element. This allows the selector to easily identify the target element based on the value of the variable or argument, and not an exact string, which might change depending on the interactions inside the automation project¹. The variable or argument that is used in the dynamic selector must be of type String, as the attribute values are always strings². For example, a dynamic selector can use a variable named MenuOption to click on different menu items in an application, such as File, Edit, or Format. The variable MenuOption must be a String variable, and its value can be changed at runtime to interact with different elements. A dynamic selector has the following format, where { {Value}} is the name of the variable or argument that holds the property of the element you want to interact with¹:

Dynamic Selector Format <tag attribute = { {Value}} />

References: Dynamic Selectors and How many types of selectors are in UiPath? from UiPath documentation and forum.

NEW QUESTION 140

A developer downloads a published package from UiPath Orchestrator 2021.10 to use locally. What is the extension of the downloaded package?

- A. .csproj
- B. .dll
- C. .nupkg
- D. .zip

Answer: C

Explanation:

The extension of the downloaded package from UiPath Orchestrator 2021.10 to use locally is .nupkg. A package is a file that contains the workflows and the dependencies of a project that is ready to be executed by a robot. A package can be created and published from UiPath Studio, or uploaded manually to UiPath Orchestrator. A package can also be downloaded from UiPath Orchestrator to use locally, such as for debugging or testing purposes. The extension of the package file is .nupkg, which is the standard extension for NuGet packages. NuGet is a package manager that is used to manage the dependencies of a project, such as libraries, frameworks, or components³. A .nupkg file is essentially a ZIP archive that contains the files and metadata of the package⁴. For example, if a package named Process1 is downloaded from UiPath Orchestrator, the file name and extension will be Process1.nupkg. The .nupkg file can be opened or extracted using a ZIP utility, such as 7-Zip or WinZip, or renamed to .zip and extracted using Windows Explorer⁵.

NEW QUESTION 144

In what situations is it appropriate to use a static selector instead of a dynamic selector?

- A. When the automation requires high flexibility.
- B. When the automation process requires better performance.
- C. When the target element's properties change frequently.
- D. When the target element's attributes remain constant and do not change during runtime.

Answer: D

Explanation:

A static selector is a selector that has fixed values for the attributes of the target element, such as name, id, class, etc. A static selector is appropriate to use when the target element's attributes do not change during runtime, meaning they are always the same regardless of the state of the application or the environment. A static selector is more reliable and faster than a dynamic selector, as it does not require any variables or arguments to identify the target element. A static selector is not suitable for situations

where the target element's properties change frequently, such as when the element is generated dynamically, or when the automation requires high flexibility, such as when the element can have different names or ids depending on the input or output data. In those cases, a dynamic selector is preferred, as it can use variables or arguments to adjust the attribute values according to the changes in the target element. References: Dynamic Selectors, Selectors

NEW QUESTION 145

A developer needs to use the REFramework to automate a business process that involves processing transactions within an Excel table. Each transaction in the table should follow the same steps for processing and queues cannot be used as there is no Orchestrator in the environment. Which variable type is best suited for TransactionItem in this scenario?

- A. System.Data.DataRow
- B. UiPath.Core.QueueItem

- C. System.Dat
- D. DataTable
- E. System.Data.DataRow[]

Answer: A

Explanation:

The REFramework template is a robust and scalable framework for building RPA projects¹. It uses a state machine to handle the different stages of the automation process². One of the states is the Process Transaction state, where the main actions are performed on each transaction item³. A transaction item can be a queue item from Orchestrator, a data row from an Excel file, or any other type of data that needs to be processed. If the transactions are stored in an Excel table, the best variable type for TransactionItem is System.Data.DataRow, as it represents a single row of data in a DataTable. A DataTable is a collection of rows and columns that can be read from or written to an Excel file using the Excel activities. Therefore, option A is correct.

Option B is incorrect because UiPath.Core.QueueItem is a variable type that represents an item from a queue in Orchestrator. If there is no Orchestrator in the environment, queues cannot be used and QueueItem is not applicable. Option C is incorrect because System.Data.DataTable is a variable type that represents a table of data with rows and columns. A single transaction item cannot be a whole table, but only a row from the table. Option D is incorrect because System.Data.DataRow[] is a variable type that represents an array of data rows. An array is a collection of items of the same type that can be accessed by an index. A single transaction item cannot be an array, but only an element from the array.

References:

- ? The UiPath ReFramework documentation from UiPath
- ? State Machines documentation from UiPath
- ? Process.xaml documentation from UiPath
- ? [TransactionItem Variable] documentation from UiPath
- ? [DataRow Class] documentation from Microsoft
- ? [Excel Activities] documentation from UiPath
- ? [QueueItem Class] documentation from UiPath
- ? [DataRow[] Structure] documentation from Microsoft
- ? [Array Class] documentation from Microsoft

NEW QUESTION 149

A developer created a process that performs the following tasks
 1 Prompts the user for an input company name
 2. Opens a browser and searches for the company name
 3. Scrapes the search results
 4. Writes the results to a Microsoft Excel file
 What is the total number of steps that require human interaction?

- A. One
- B. Two
- C. Three
- D. Four

Answer: A

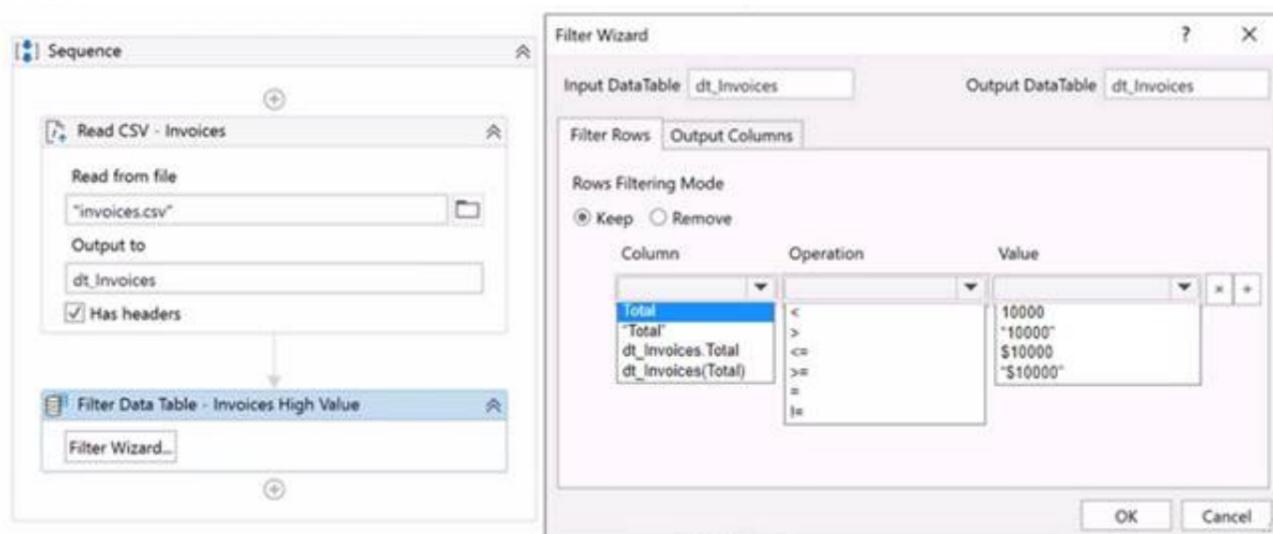
Explanation:

The only step that requires human interaction is the first one, where the user is prompted for an input company name. The rest of the steps are performed by the automation process without any human intervention.

NEW QUESTION 154

HOTSPOT

A developer is building a process which reads invoice data from the "mvoices.csv" file that includes a Total column of type Double.
 Instructions: Using the drop-down lists shown in the following exhibit, configure the Filter Data Table Wizard to keep all invoices with a Total value that is over 10 000 USD.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

To configure the Filter Data Table Wizard to keep all invoices with a Total value that is over 10 000 USD, you should choose the following options from the drop-down lists:

Column: Total Operation: > Value: 10000

The reason for choosing these options is to filter the data table based on the condition that the Total column value is greater than 10000. This will keep only the rows that satisfy this

condition and remove the rest. You can learn more about the Filter Data Table activity and how to use it from the following sources:

- ? Four Ways to Filter Data Tables in UiPath Studio | UiPath
- ? How to Filter Data Table - Help - UiPath Community Forum
- ? Filter Data table with specific column - UiPath Community Forum

NEW QUESTION 156

What is a pre-requisite for running functional test cases in REFramework?

- A. Invoke Process XAML file
- B. Invoke InitAllSettings XAML file
- C. Invoke SetTransactionStatus XAML file
- D. Invoke Main XAML file

Answer: B

Explanation:

A pre-requisite for running functional test cases in REFramework is to invoke the InitAllSettings XAML file, which initializes the application, reads the configuration file, and sets the log level. This file is invoked in the Init state of the Main XAML file, which is the entry point of the REFramework. By invoking the InitAllSettings file, you can ensure that the test cases have access to the necessary settings and parameters for the automation project. (UiPath Studio - Testing Frameworks - UiPath Academy)

References:

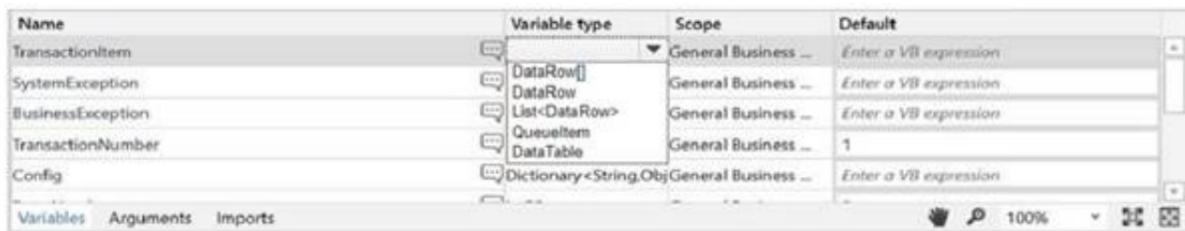
- ? Studio - Testing Frameworks - UiPath Documentation Portal
- ? UiPath Studio - Testing Frameworks - UiPath Academy
- ? REFramework documentation.pdf - Google Drive

NEW QUESTION 157

HOTSPOT

A developer aims to employ the REFramework for automating a business process that involves a TransactionData collection (DataTable) comprising vendor names and addresses.

Instructions: Choose the appropriate variable type for the TransactionItem from the provided drop-down list in the following exhibit.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

DataRow

The REFramework is a template that provides a robust and scalable structure for building automation projects. It uses the concept of TransactionData and TransactionItem to handle the input data and process it in a loop¹. The TransactionData is a collection of items that need to be processed, and the TransactionItem is a single item from that collection that is assigned to the robot in each iteration².

The type of the TransactionItem variable depends on the type of the TransactionData variable. By default, the REFramework uses QueueItem as the type for both variables, assuming that the input data comes from an Orchestrator queue³. However, if the input data comes from a different source, such as an Excel file, a web page, or a SAP application, then the type of both variables needs to be changed accordingly⁴.

In your case, since the input data is a DataTable that contains vendor names and addresses, the appropriate type for the TransactionItem variable is DataRow. A DataRow represents a single row in a DataTable, and it can store multiple values in its columns. By using DataRow as the type for the TransactionItem variable, you can access and manipulate the vendor information in each iteration of the process.

References:

- ? REFramework Documentation - UiPath Documentation Portal.
- ? ReFramework - TransactionItem type - Help - UiPath Community Forum.
- ? ReFramework for Tabular Data - RPA Component - UiPath Marketplace.
- ? Transaction Item variable type - Studio - UiPath Community Forum.
- ? [DataRow Class (System.Data) | Microsoft Docs].

NEW QUESTION 161

What method can be used to change the index of an existing column in a datatable?

- A. SetIndex
- B. MoveAt
- C. SetColumnIndex
- D. SetOrdinal

Answer: D

Explanation:

The SetOrdinal method of the DataColumn class can be used to change the index or position of an existing column in a datatable. The method takes an integer argument that specifies the new ordinal or position of the column. For example, to move the first column to the last position, one can use: `yourDataTable.Columns(0).SetOrdinal(yourDataTable.Columns.Count - 1)`. (UiPath Automation Developer study guide)

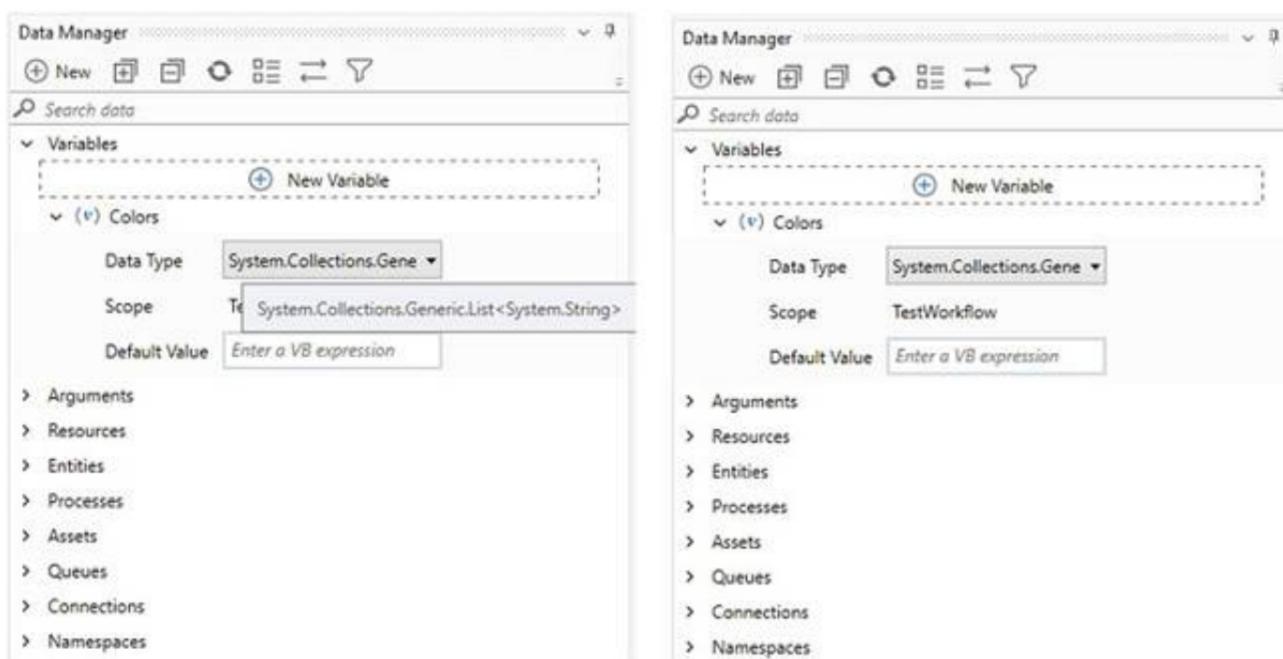
References:

- ? DataColumn.SetOrdinal Method

? How to move Column from Index 0 to Index 10 in datatable

NEW QUESTION 162

A developer wants to add items to a list of strings using the Invoke Method activity. The list is declared as follows:



The Invoke Method activity has the following properties:

System.Activities.Statements.InvokeMethod	
Common	
DisplayName	Invoke Method
Misc	
GenericTypeArguments	(Collection) ...
MethodName	Add
Parameters	(Collection) ...
Private	<input type="checkbox"/>
Result	Enter a VB expression ...
RunAsynchronously	<input type="checkbox"/>
TargetObject	Colors ...
TargetType	(null) ▼

The Parameters property is as follows:

Direction	Type	Value
In	String	"Yellow"
Create Argument		

Based on the information shown in the exhibits, what is the outcome of the Invoke Method activity?

- A. Colors will contain an item with the value "Colors: Yellow".
- B. Colors will contain an item with an empty value.
- C. Colors will contain an item with the value "Yellow".
- D. An exception will be thrown.

Answer: C

Explanation:

The Invoke Method activity is used to add items to a list of strings. In this case, the list is declared as "Colors". The outcome of the Invoke Method activity will be that the list "Colors" will contain an item with the value "Yellow". This is because the TargetObject property is set to "Colors", which is the list variable, the MethodName property is set to "Add", which is the method of the list class, and the Parameters property is set to "Yellow", which is the value to be added to the list. (UiPath Studio documentation1)

References:

? 1: Invoke Method - UiPath Activities.

NEW QUESTION 167

Upon extracting data from a website, a developer saves it in three variables: "FirstName", "LastName", and "City". The developer intends to store these three String variables in a fixed-size data structure called "UserData", to be utilized later within another workflow in the process. Considering best practices, which data structure and assignment should be used?

- A. UserData is of type List<Object>UserData = New List(Of Object) ({ FirstName, LastName, City })
- B. UserData is of type Object[]UserData = {FirstName, LastName, City}
- C. UserData is of type List<String>UserData = New List(Of String) ({ FirstName, LastName, City })
- D. UserData is of type String[]UserData = {FirstName, LastName, City}

Answer: D

Explanation:

This is the best option because it meets the requirements of storing three String variables in a fixed-size data structure. A String[] is an array of String values, which can be initialized with a fixed size and assigned with a set of values using curly braces. An array is a simple and efficient data structure that can store multiple values of the same type and access them by index. A List is another data structure that can store multiple values, but it is not fixed-size and it requires creating a new instance using the New keyword. An Object is a generic type that can store any kind of value, but it is not recommended to use it for specific types like String, as it may cause type conversion errors or performance issues. Therefore, option D is the best choice for storing the three String variables in a fixed-size data structure called UserData. References: Variables, Arguments, and Control Flow in Studio, Data Types in UiPath, Arrays in UiPath

NEW QUESTION 170

A developer is automating an invoice process for the finance department using a Dispatcher and Performer model with access to Orchestrator. New invoices are stored in a shared folder each morning. Each invoice needs to be processed separately in the finance system as a single unit of work. After each invoice is processed in the finance system, a unique output ID must be emailed to the finance team's email address.

How should the developer store the relevant data in Orchestrator?

- A. Upload individual invoice data and the finance team's email address as Specific Data in Queue Items
- B. Upload the finance team's email address as Specific Data in Queue Items. Create an asset for each individual invoice data field
- C. Create an asset for each piece of invoice data as well as for the finance team's email address
- D. Upload individual invoice data as Specific Data in Queue Items. Create an asset for the finance team's email address

Answer: D

Explanation:

The developer should store the relevant data in Orchestrator as follows:

? Upload individual invoice data as Specific Data in Queue Items. The Specific Data is a collection of key-value pairs that can store additional information for each queue item, such as the invoice number, date, amount, etc. The Specific Data can be added to the queue items using the Add Queue Item activity in the Dispatcher

workflow. The Specific Data can be retrieved from the queue items using the Get Transaction Item activity in the Performer workflow. The Specific Data can be used to process each invoice separately in the finance system as a single unit of work³.

? Create an asset for the finance team's email address. An asset is a global variable

that can store a specific value, such as a text, a number, a boolean, or a credential. An asset can be created and managed in Orchestrator, and accessed by the robots using the Get Asset activity. An asset can be used to store a value that is common for all the queue items, such as the finance team's email address. The asset can be used to email the unique output ID to the finance team after each invoice is processed in the finance system⁴.

References: About Queues and Transactions and About Assets from UiPath documentation.

NEW QUESTION 171

To retrieve all Outlook emails with the word "UiPath" in the subject, which filtering property and filter schema should a developer use?

- A. Property: FilterByMessageIdSchema: "@SQL=""urn:schemas:httpmail:subject"" like 'UiPath%'"
- B. Property: FilterSchema: "@SQL=""urn:schemas:httpmail:subject"" like '%UiPath%'"
- C. Property: FilterSchema: "@SQL=""urn:schemas:httpmail:subject"" like 'UiPath%'"
- D. Property: FilterByMessageIdSchema: "@SQL=""urn:schemas:httpmail:subject"" like '%UiPath%'"

Answer: B

Explanation:

To retrieve all Outlook emails with the word "UiPath" in the subject, a developer should use the Filter property and the filter schema

"@SQL=""urn:schemas:httpmail:subject"" like '%UiPath%'" . The Filter property allows developers to specify a DASL query that filters the emails based on various criteria, such as subject, sender, date, etc. The filter schema "@SQL=""urn:schemas:httpmail:subject"" like '%UiPath%'" uses the SQL dialect of DASL to search for emails that have the word "UiPath" anywhere in the subject. The "%" symbol is a wildcard that matches any character or string. (UiPath Automation Developer study guide)

References:

? Get Outlook Mail Messages

? Chapter 11: Searching Outlook Data | Microsoft Learn

NEW QUESTION 176

What status needs to be selected in the Set Transaction Status activity in UiPath Studio so that the respective Queue Item will be retried?

- A. Failed
- B. Retried
- C. Abandoned
- D. Postponed

Answer: A

Explanation:

The Set Transaction Status activity is used to mark the result of a queue item processing¹. If the queue item fails with an application exception, it can be retried by setting its status to Failed². The Retried status is automatically assigned by Orchestrator when a retry is triggered³. The Abandoned status is applied when a queue item remains in progress for too long without being processed⁴. The Postponed status is used to delay the processing of a queue item until a specific date and time.

References:

? Managing Queues in Studio documentation, Step 9: Set Transaction Status section

? Queue Item Statuses documentation, Retried section

? Automation Best Practices documentation, Queue Item Status section

? Queue Item Statuses documentation, Abandoned section

? Queue Item Statuses documentation, Postponed section

NEW QUESTION 179

Considering a process developed using REFramework, if the status of a transaction was set to "Failed" with the Error Type specified as "Business", the process will transition to which state?

- A. Get Transaction Data
- B. Initialization
- C. End Process
- D. Process Transaction

Answer: A

Explanation:

The REFramework template is a robust and scalable framework for building RPA projects¹. It uses a state machine to handle the different stages of the automation process². One of the states is the Process Transaction state, where the main actions are performed on each transaction item³. A transaction item can be a queue item from Orchestrator, a data row from an Excel file, or any other type of data that needs to be processed⁴. If the status of a transaction item is set to "Failed" with the Error Type specified as "Business", it means that the item did not meet a business or application requirement within the project and was therefore sent to a Set Transaction Status activity, which changed its status to Failed. In this case, the process will transition to the Get Transaction Data state, where the next transaction item is retrieved and assigned to be processed. The process will not transition to the Initialization, End Process, or Process Transaction states, as these are used for different purposes in the REFramework. References:

- ? The UiPath ReFramework documentation from UiPath
- ? State Machines documentation from UiPath
- ? Process.xaml documentation from UiPath
- ? TransactionItem Variable documentation from UiPath
- ? [Queue Item Statuses] documentation from UiPath
- ? [GetTransactionData.xaml] documentation from UiPath

NEW QUESTION 182

A developer has defined a variable named "CurrentDate" of type Date Time. Which of the following expressions can be used to show what hour was 12 hours prior to the date from the variable?

- A. CurrentDate.AddHours(-12).Hour
- B. Date Time.SubtractHours(CurrentDate, 12).Hour
- C. CurrentDate.SubtractHours(12).Hour
- D. Date Time.AddHours(CurrentDate, -12).Hour

Answer: A

NEW QUESTION 184

HOTSPOT

A developer wants to map the arguments that pass data to and from GenerateUserID.xaml to the appropriate values in Main.xaml. The dt_Users datatable variable contains the columns First Name: Last Name Date of Birth and Username.

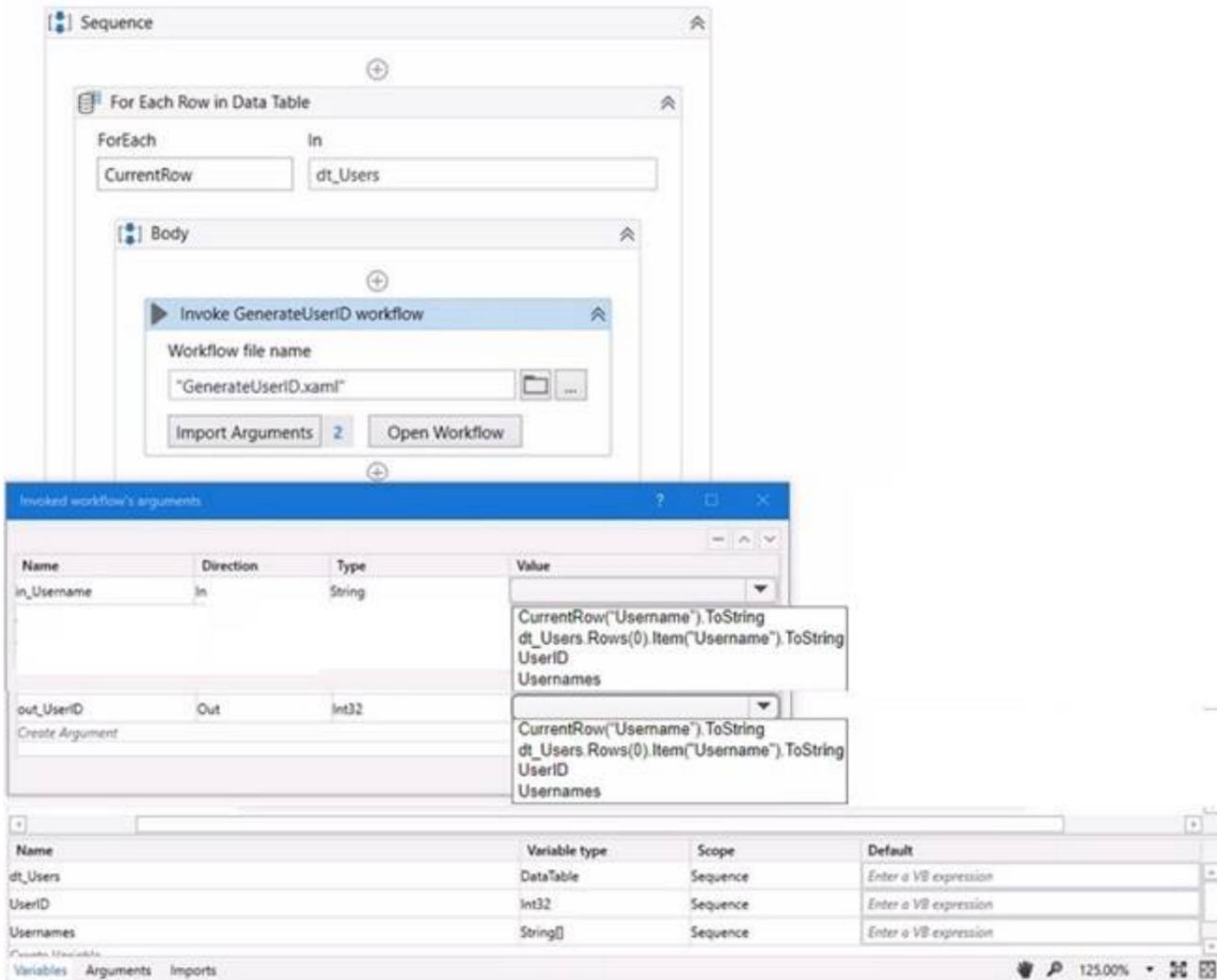
Instructions: From the Value drop-down lists shown in the following exhibit, select the correct variable that corresponds to each argument.

The screenshot shows the 'Invoke GenerateUserID workflow' activity configuration. The 'Import Arguments' dialog is open, displaying the following table:

Name	Direction	Type	Value
in_Username	In	String	
out_UserID	Out	Int32	

Below the dialog, the 'Variables' table is visible:

Name	Variable type	Scope	Default
dt_Users	DataTable	Sequence	Enter a VB expression
UserID	Int32	Sequence	Enter a VB expression
Usernames	String[]	Sequence	Enter a VB expression



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The values to select from the drop-down lists for the in_Username and Out_UserID arguments are:

? in_Username: CurrentRow("Username").ToString

? Out_UserID: UserID

These values will ensure that the in_Username argument receives the value of the Username column from the current row of the dt_Users datatable, and the Out_UserID argument returns the value of the UserID variable that is generated by the GenerateUserID.xaml workflow.

NEW QUESTION 186

DRAG DROP

The provided exhibit displays the representation of the "Deadline" field using the yyyy-mm-dd format.

Queue Item Name	Deadline	Priority
EmployeeID1		Normal
EmployeeID2	2050-01-01	High
EmployeeID3	2050-01-02	High
EmployeeID4	2050-01-01	Normal
EmployeeID5	2050-01-02	Low
EmployeeID6		High
EmployeeID7	2050-01-01	Low
EmployeeID8	2050-01-01	Normal
EmployeeID9		Low

In what order should the Queue Items be processed by a single robot executing a Performer workflow?



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The Queue Items should be processed by a single robot executing a Performer workflow in the following order:

- ? EmployeeID1
- ? EmployeeID4
- ? EmployeeID8
- ? EmployeeID3
- ? EmployeeID6
- ? EmployeeID9
- ? EmployeeID5
- ? EmployeeID2
- ? EmployeeID7

A queue is a container that holds an unlimited number of items that can be processed by a robot¹. A queue item can have a deadline and a priority, which affect the order in which the robot retrieves the items from the queue². The Performer workflow is a part of the REFramework template that processes the queue items using the Get Transaction Item activity³. The order of queue execution is determined by the following rules⁴:

- ? Items that have a deadline are processed first, in order of priority and according to the set deadline for items with the same priority.
- ? Items that have no deadline are processed next, in order of priority and according to the rule First In, First Out for items with the same priority.

Based on these rules and the exhibit, the order of queue execution is as follows:

- ? EmployeeID1 has the earliest deadline (2050-01-01) and high priority, so it is processed first.
- ? EmployeeID4 has the same deadline as EmployeeID1, but normal priority, so it is processed second.
- ? EmployeeID8 has the same deadline and priority as EmployeeID4, but it was added later to the queue, so it is processed third.
- ? EmployeeID3 has the next earliest deadline (2050-01-02) and high priority, so it is processed fourth.
- ? EmployeeID6 has the same deadline as EmployeeID3, but normal priority, so it is processed fifth.
- ? EmployeeID9 has the same deadline and priority as EmployeeID6, but it was added later to the queue, so it is processed sixth.
- ? EmployeeID5 has no deadline, but high priority, so it is processed seventh.
- ? EmployeeID2 has no deadline and normal priority, so it is processed eighth.
- ? EmployeeID7 has no deadline and low priority, so it is processed ninth.

References:

- ? About Queues and Transactions documentation from UiPath
- ? Processing Order documentation from UiPath
- ? Performer documentation from UiPath
- ? Order processing queue forum post from UiPath Community

NEW QUESTION 191

A developer has extracted the date "08-22-2022" from an invoice and stored it in a variable of type String called ExtractedDate. As part of the process, the developer needs to perform a comparison with a different date.

Which expression should be used to convert ExtractedDate to a DateTime type?

- A. ExtractedDate.Equals("08-22-2022")
- B. DateTime.Parse(ExtractedDate)
- C. DateTime.Compare(ExtractedDate:"08-22-2022")
- D. ExtractedDate.GetType

Answer: B

Explanation:

To convert ExtractedDate to a DateTime type, the expression that should be used is: DateTime.Parse(ExtractedDate)

This expression uses the DateTime.Parse method, which converts a string representation of a date and time to its DateTime equivalent. The DateTime.Parse method can accept different formats of date and time strings, as long as they are supported by the current culture or a specified culture. The DateTime.Parse method returns a DateTime object that represents the date and time value of the string¹. For example, if the ExtractedDate variable has the value:

ExtractedDate = "08-22-2022"

Then the expression DateTime.Parse(ExtractedDate) will return a DateTime object with the value:

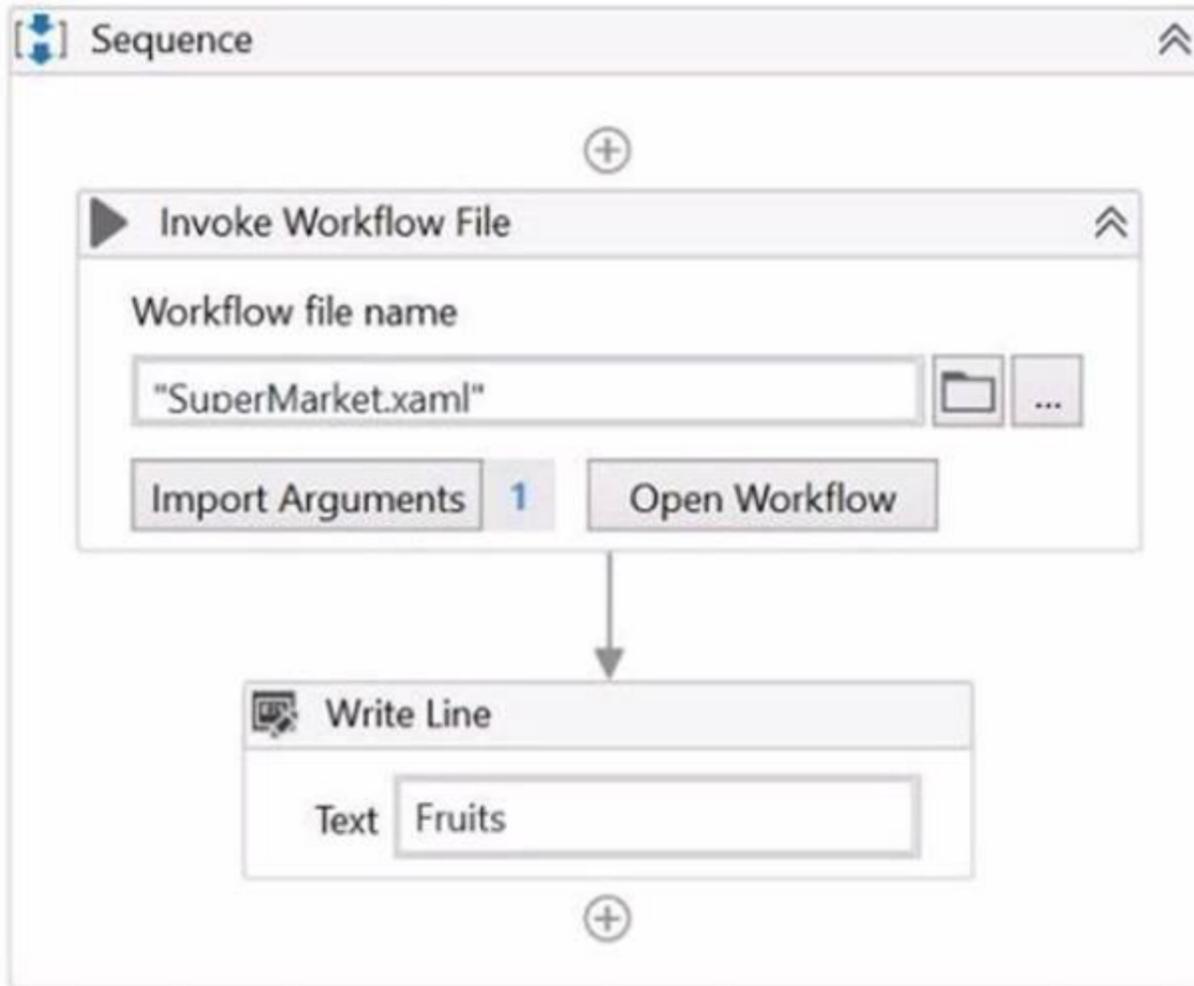
[08/22/2022 12:00:00 AM]

This DateTime object can then be used to perform a comparison with a different date, such as using the DateTime.Compare method or the comparison operators².

References: DateTime.Parse Method and How to compare dates in UiPath? from UiPath documentation and forum.

NEW QUESTION 193

A developer has created an automation process that includes:

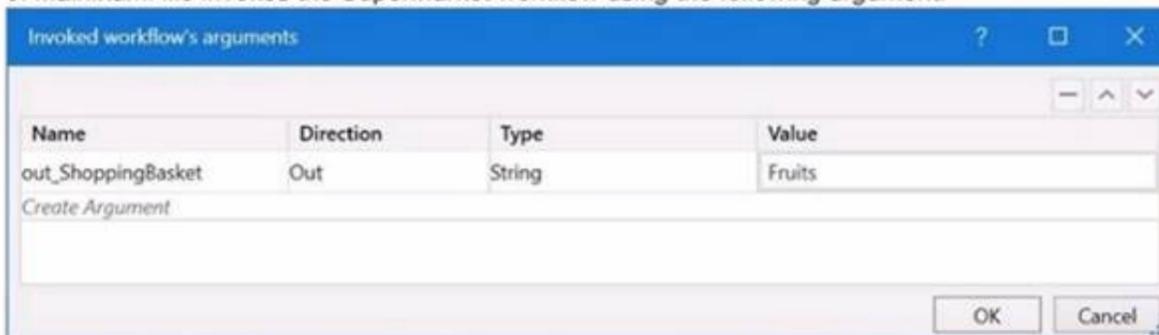


2. Variables in the Variable panel in the Main.xaml file:

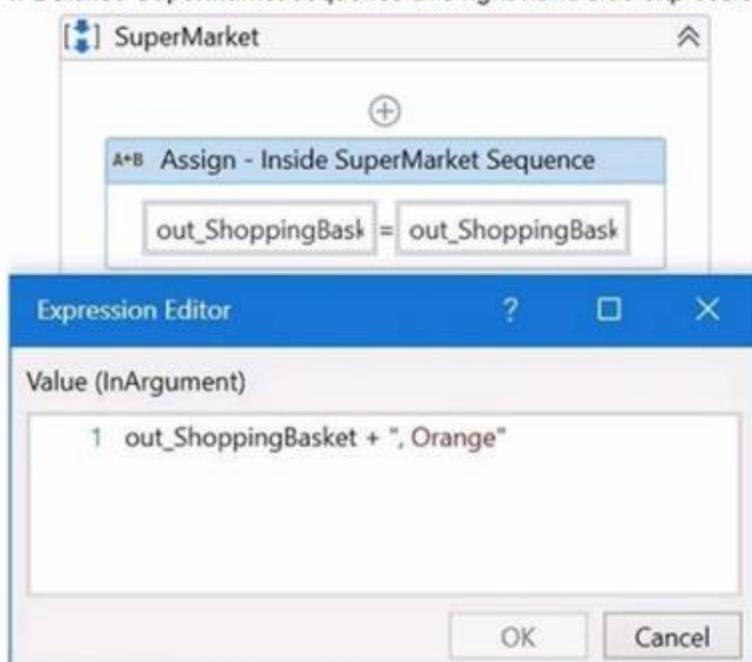
Name	Variable type	Scope	Default
Fruits	String	Sequence	"Apple"

Create Variable

3. Main.xaml file invokes the SuperMarket workflow using the following argument:



4. Detailed SuperMarket sequence and right-hand side expression shown below:



Based on the information shown in the exhibits, what is the output of the Write Line activity in the Main xaml file?

- A. Apple
- B. Orange
- C. Apple Orange
- D. Orange Apple

Answer: B

Explanation:

The Write Line activity is used to write a specified text to the Output panel. The text can be a string literal, a variable, or an expression. In this case, the Write Line activity in the Main xaml file has the text "out_ShoppingBasket + ", "Orange"". The out_ShoppingBasket is a variable of type String, which is declared in the Main xaml file and has the default value of "Apple". The variable is passed as an argument to the SuperMarket xaml file, where it is assigned a new value of "Orange". The argument direction is Out, which means that the value of the argument is passed back to the Main xaml file after the execution of the SuperMarket xaml file. Therefore, the value of the out_ShoppingBasket variable in the Main xaml file is changed from "Apple" to "Orange". The expression "out_ShoppingBasket + ", "Orange"" concatenates the value of the out_ShoppingBasket variable with a comma and a space, followed by the string literal "Orange". The result of this expression is "Orange, Orange". The Write Line activity writes this text to the Output panel. Therefore, the answer is B. Orange. References: Write Line, Variables, Arguments

NEW QUESTION 198

What role does the automation developer play in understanding business processes?

- A. Undertaking smaller projects independently.
- B. Collaborating with automation business analysts on technical skills.
- C. Creating complex written documents for procedures.
- D. Quickly understanding inputs, outputs, and decision points.

Answer: D

Explanation:

One of the important skills of an automation developer is to quickly understand the business processes that need to be automated. This involves identifying the inputs, outputs, and decision points of the processes, as well as the exceptions, rules, and dependencies. By doing so, the automation developer can design and develop the automation workflows and components that meet the business and technical requirements, as well as the best practices and standards. The automation developer can use various tools and methods to understand the business processes, such as process documentation, process diagrams, process mining, process analysis, and process simulation.

References:

- ? Automation Developer - Ui Path
- ? Process Analysis - UiPath Documentation Portal
- ? Process Mining - UiPath Documentation Portal

NEW QUESTION 201

A project built using REFramework pulls phone numbers from a database of employees and creates queue items for each one. Following processing, these elements must be added to a financing application. The queue item holding a phone number becomes invalid if a digit is accidentally left out because of a human mistake. As a requirement, queue items that contain partial numbers should not be accepted.

What type of error should be thrown according to best practices?

- A. Business Exception
- B. Fatal Exception
- C. Application Exception
- D. System Exception

Answer: A

Explanation:

A business exception is an exception that occurs due to a fault in the business process logic or data, such as invalid input, incorrect format, missing information, etc. Business exceptions are usually predictable and can be handled gracefully by logging the error and moving to the next transaction. In this case, a queue item that contains a partial phone number is an example of a business exception, as it is caused by a human mistake and does not affect the functionality of the application or system. (UiPath

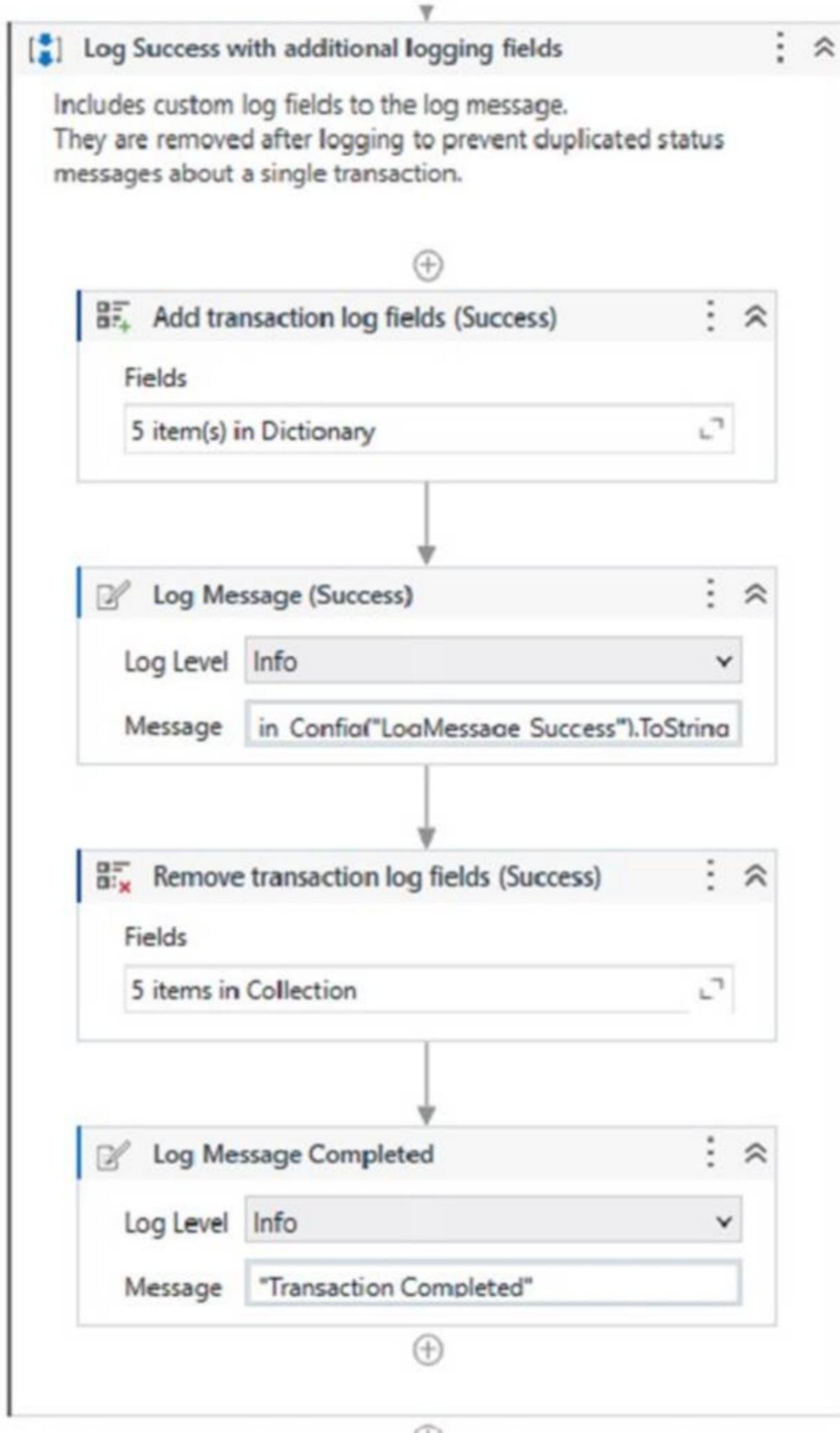
Automation Developer study guide)

References:

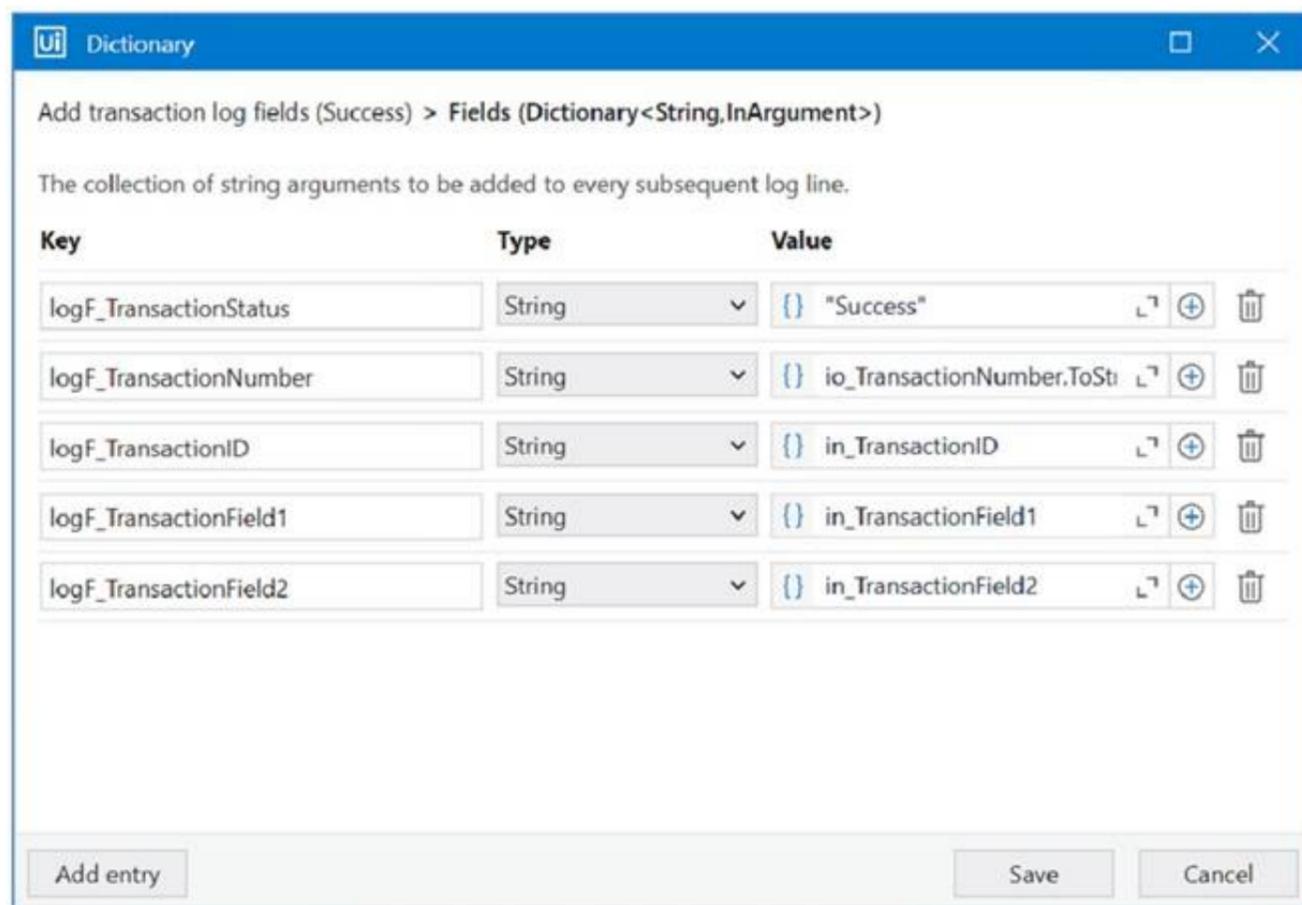
- ? Business Exception vs System Exception
- ? Exception Handling

NEW QUESTION 204

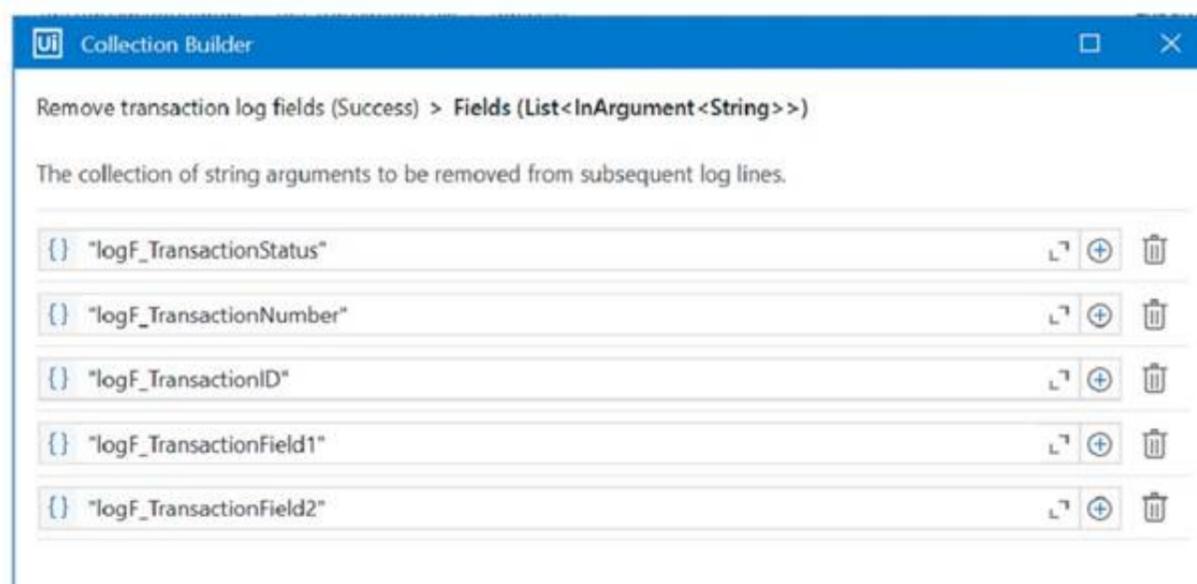
A developer is using the REFramework template to automate a process. In "SetTransactionStatus" file, there is the following sequence of activities, where the last Log Message activity was added by the developer:



The configuration for Add Log Fields and Remove Log Fields activities are shown below: Add transaction log fields (Success)



Remove transaction log fields (Success)



The developer runs the process and notices the argument values for the first transaction are:

in_TransactionID = "07/18/2023 10:27:29" io_TransactionNumber = 1 in_TransactionField1 = "UI235-80" in_TransactionField2 = "Update Request"

Which of the following Log Message Details will be displayed when executing the activity Log Message Completed for the first transaction, considering it is successful?

A.

```
"message": "Transaction Completed", "level": "Information",
"logType": "User",
"timeStamp": "10:30:19", "fileName": "SetTransactionStatus", "processVersion": "1.0.0",
"jobId": "59325301-680a-4d55-a81b-56ca1f369c12",
"robotName": "test.robot", "machineId": 0, "logF_TransactionField2": "" "logF_TransactionStatus": "logF_TransactionID"; "",
"logF_BusinessProcessName": "Framework", "logF_TransactionNumber": "" "logF_TransactionField1":
}
```

B.

```
"message": "Transaction Completed", "level": "Information",
"logType": "User",
"timeStamp": "10:30:19", "fileName": "SetTransactionStatus", "processVersion": "1.0.0",
"jobId": "cb865477-35f8-4c0a-93e9-e4f4246223f2",
"robotName": "test.robot", "machineId": 0,
"logF_TransactionField2": "Update Request", "logF_TransactionID": "07/18/2023 10:27:29", "logF_BusinessProcessName": "Framework",
"logF_TransactionNumber": "1", "logF_TransactionField1": "UI235-80", "logF_TransactionStatus": "Success"
```

```
A. "message": "Transaction Completed", "level": "Information", "logType": "User", "timeStamp": "10:30:19", "fileName": "SetTransactionStatus", "processVersion":
"1.0.0", "jobId": "f8a36a46-8ebc-40df-8f71-26b39087ebee", "robotName": "test.robot", "machineId": 0, "logF_BusinessProcessName": "Framework"}D."message":
"Transaction Completed", "level": "Information", "logType": "User", "timeStamp": "10:30:19", "fileName": "SetTransactionStatus", "processVersion": "1.0.0", "jobId":
"59325301-680a-4d55-a81b-56ca1f369c12", "robotName": "test.robot", "machineId": 0, "logF_TransactionField2": empty, "logF_TransactionStatus": empty,
"logF_TransactionID": empty, "logF_BusinessProcessName": "Framework", "logF_TransactionNumber": empty, "logF_TransactionField1": empty}
```

Answer: B

Explanation:

The Log Message activity is used to write a diagnostic message at a specified level to the output panel, the log file, and Orchestrator1. The message can include custom log fields that are added by the Add Log Fields activity and removed by the Remove Log Fields activity2. In this case, the developer has added six log fields in the Add transaction log fields (Success) sequence and removed three of them in the Remove transaction log fields sequence. Therefore, the remaining three log fields (logF_TransactionField2, logF_TransactionID, and logF_TransactionStatus) will be displayed along with the default log fields (message, level, logType, timeStamp, fileName, processVersion, jobId, robotName, and machineId) when executing the Log Message Completed activity. The values of the log

fields will be taken from the corresponding arguments of the Set Transaction Status activity.

References:

- ? Add Log Fields activity documentation from UiPath
- ? Remove Log Fields activity documentation from UiPath
- ? Log Message activity documentation from UiPath

NEW QUESTION 206

When configuring the Max # of retries for the queue in Orchestrator to "1" for your process, and the queue has 5 transaction items. At runtime, the first transaction item throws a

Business Rule Exception.

How does the process proceed?

- A. Transaction is not retried and the process stops.
- B. Transaction is not retried but remaining transactions continue processing.
- C. Transaction is retried only one time.
- D. Transaction is retried multiple times until processed successfully.

Answer: B

Explanation:

When a transaction item throws a Business Rule Exception, it means that the item does not meet the business requirements and cannot be processed further¹. Therefore, the transaction item is marked as failed and not retried, regardless of the Max # of retries setting for the queue². However, the process does not stop and continues with the remaining transaction items in the queue³.

References:

- ? Business Exception vs System Exception forum post, Answer by @loginerror
- ? RE Framework MaxRetryNumber and Orchestrator Queue Max # Rertry, again forum post, Answer by @Arpit_Kesharwani

NEW QUESTION 211

Which argument name follows UiPath best practices for argument naming conventions?

- A. ioUpdatedsum
- B. in_argument1
- C. dt_outputrovvs
- D. out_ConfirmationNumber

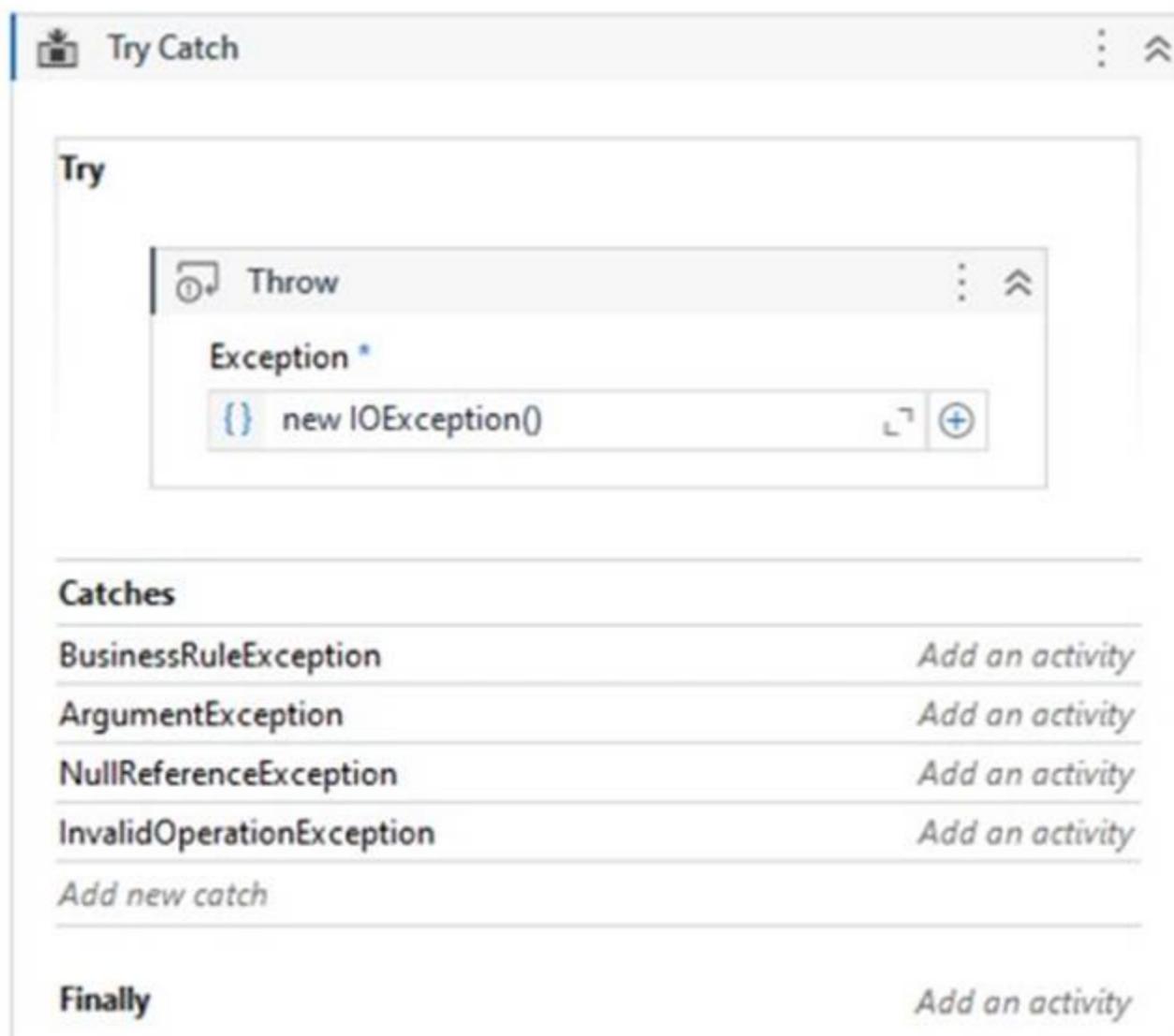
Answer: D

Explanation:

The argument name that follows UiPath best practices for argument naming conventions is out_ConfirmationNumber. According to the UiPath best practices, the argument name should be meaningful and include an indication of its type and direction. The type can be inferred from the argument's data type, such as String, Int32, DataTable, etc. The direction can be one of the following: in, out, or io. The in direction means that the argument can only be used within the given project. The out direction means that the argument can be used to pass data outside of a given project. The io direction means that the argument can be used both within and outside of a given project⁴. The argument name should also follow the camel case convention, which specifies that each word in the middle of the argument name begins with a capital letter, with no intervening spaces or punctuation⁵. For example, the argument name out_ConfirmationNumber follows these best practices, as it indicates that the argument is of out direction, and that it stores a confirmation number value. The other argument names do not follow the best practices, as they either use incorrect or inconsistent prefixes, or do not use camel case convention. References: ST-NMG-002 - Arguments Naming Convention and Variables, arguments and workflows naming - best practice from UiPath documentation and forum.

NEW QUESTION 213

Consider the following Try Catch statement:



What will happen when the code is executed?

- A. The exception will be handled in the ArgumentException catch.
- B. There is no catch defined for the thrown exception type.
- C. The exception will be handled in the InvalidOperationException catch.
- D. The exception will be handled in the BusinessRuleException catch.

Answer: B

Explanation:

This is because the code is throwing a new IOException, but there is no catch block defined for IOException. The catch blocks present are for BusinessRuleException, ArgumentException, and InvalidOperationException. Therefore, the code will not be able to handle the thrown exception. References: <https://docs.uipath.com/activities/docs/try-catch>

NEW QUESTION 217

What happens when closing a Remote Debugging Connection while a debugging execution is in progress?

- A. Debugging execution stops gracefully, then the connection is closed.
- B. The remote robot continues the execution after Studio closes the connection.
- C. It is not possible to close the connection while debugging is in progress.
- D. Debugging execution ends in exception, then the connection is closed.

Answer: D

Explanation:

When you close a Remote Debugging Connection while a debugging execution is in progress, the execution is stopped abruptly and an exception is thrown on the remote robot. The connection is then closed and you are returned to the Studio interface. (Debugging in Studio - UiPath Academy)

References:

- ? Studio - Remote Debugging
- ? Debugging in Studio - UiPath Academy

NEW QUESTION 219

When automating the process of entering values into a web form, requiring each field to be brought to the foreground, which property of the Type Into activity should be adjusted to achieve this?

- A. Delay before
- B. Activate
- C. Selector
- D. Input Element

Answer: B

Explanation:

The Activate property of the Type Into activity allows the developer to bring the specified UI element to the foreground and activate it before the text is written.

This property is useful when the web form fields are not visible or focused by default.

NEW QUESTION 220

What is the role of connections in the UiPath Integration Service?

- A. Connections establish tasks and exchanges between users and external applications using the authentication process of the API provider.
- B. Connections establish tasks and exchanges based on a connector's compatibility with the external application.
- C. Connections establish tasks and exchanges between users and external applications using the authentication process of the UI automation provider.
- D. Connections establish tasks and exchanges between users and external applications using the server-side triggers.

Answer: A

Explanation:

Connections are the core component of the UiPath Integration Service. They enable you to create and manage tasks and exchanges between users and external applications using the authentication process of the API provider. Each connection is associated with a specific connector, which defines the actions and triggers that can be performed on the external application. You can create connections in the Integration Service page of the Automation Cloud portal, and use them in your automation projects in Studio, StudioX, Apps, or Assistant. You can also share connections with other users or groups in your organization using folders and permissions¹.

References: Integration Service - Connections - UiPath Documentation Portal

NEW QUESTION 224

A developer invoked a workflow file with three arguments, one "In": one "Out", and one "In/Out". In the Invoked Workflow's Arguments window, how can the Value be configured for each argument?

- A. In: Variable or Hard-coded value Out: Variable only In/Out Variable only
- B. In: Variable only Out Variable only In/Out: Variable only
- C. In: Variable or Hard-coded value Out Variable or Hard-coded value In/Out Hard-coded value only
- D. In: Variable or Hard-coded value Out Hard-coded value only In/Out Variable only

Answer: A

Explanation:

In the Invoked Workflow's Arguments window, the Value can be configured for each argument as follows:

? In: Variable or Hard-coded value. An In argument is an argument that passes a

value from the parent workflow to the child workflow. The Value of an In argument can be configured with a variable that holds the value to be passed, or a hard-coded value that is directly entered in the Value field³. For example, if the In argument is Name and the value to be passed is "John", the Value can be configured with a variable that contains "John", such as strName, or a hard-coded value, such as "John".

? Out: Variable only. An Out argument is an argument that passes a value from the

child workflow to the parent workflow. The Value of an Out argument can be configured only with a variable that receives the value from the child workflow⁴. For example, if the Out argument is Result and the value to be passed is the sum of two numbers, the Value can be configured only with a variable that stores the sum, such as intResult.

? In/Out: Variable only. An In/Out argument is an argument that passes a value from

the parent workflow to the child workflow, and then passes the modified value back to the parent workflow. The Value of an In/Out argument can be configured only with a variable that holds the initial value and receives the modified value⁵. For example, if the In/Out argument is Counter and the value to be passed is a number that is incremented by one in the child workflow, the Value can be configured only with a variable that contains the initial number and stores the incremented number, such as intCounter.

References: Using Arguments and Arguments from UiPath documentation.

NEW QUESTION 228

A developer wants to create a process using a Flow Switch activity. What is a feature of this activity?

- A. Supports up to three expressions by default
- B. Two Default cases can be defined
- C. Default case is executed before the expression is evaluated
- D. Default case is executed if no cases match the expression

Answer: D

Explanation:

The Flow Switch activity is a conditional node that provides branching for the flow of control based on a match criterion when more than two alternative branches are required. The Flow Switch activity has an Expression property that can be of any type, and a dictionary of Cases that consists of pairs of keys and activities.

The Flow Switch activity evaluates the Expression and compares it against each of the keys in the Cases. If a match is found, the corresponding activity is executed. If no match is found, the Default case is executed, if it is defined. The Default case is an optional activity that serves as a fallback option when none of the cases match the expression. Therefore, the answer is D. Default case is executed if no cases match the expression. References: Flow Switch, About Control Flow

NEW QUESTION 233

Which Scraping method should be used for the Get Text activity to capture hidden text from an application?

- A. Text attribute
- B. Default
- C. Native
- D. Full text

Answer: D

Explanation:

The Get Text activity is used to extract the text value of a specified UI element. It does not use any of the scraping methods by default, but it can be configured to use the Full Text method in the Properties panel. The Full Text method is able to capture hidden text from an application, as well as the entire visible text and

editable text. The Full Text method uses an internal OCR engine that works with most applications and languages.

References:

- ? Get Text activity documentation from UiPath
- ? Screen Scraping Methods documentation from UiPath
- ? Text scrapping forum post from UiPath Community
- ? How to: Scrape the Whole Text, Including Hidden Elements from a Terminal Window article from UiPath Knowledge Base

NEW QUESTION 235

What are the components that define a state within a State Machine in UiPath Studio?

- A. Activities, Connectors, and Annotations.
- B. Input Arguments, Output Arguments, and Variables.
- C. Sequence, Flowchart, and Transactional Business Process.
- D. Entry, Exit, and Transition Actions with Trigger Conditions.

Answer: D

Explanation:

A state in a State Machine is a set of actions that execute while the workflow is in a certain condition¹. Each state has three components: Entry, Exit, and Transition Actions². Entry Actions are executed when the state is entered, Exit Actions are executed when the state is exited, and Transition Actions are executed when a transition is triggered by a condition³. References:

- ? State Machines in Studio course, Lesson 1: Introduction to State Machines, Topic: What is a State Machine?
- ? State Machine documentation, States section
- ? How does State Machine work? forum post, Answer by @aksh1yadav

NEW QUESTION 238

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