

1Z0-819 Dumps

Java SE 11 Developer

<https://www.certleader.com/1Z0-819-dumps.html>



NEW QUESTION 1

Given:

```
public class Tester {
    public static void main(String[] args) {
        StringBuilder sb = new StringBuilder(5);
        sb.append("HOWDY");
        sb.insert(0, ' ');
        sb.replace(3, 5, "LL");
        sb.insert(6, "COW");
        sb.delete(2, 7);
        System.out.println(sb.length());
    }
}
```

What is the result?

- A. 4
- B. 3
- C. An exception is thrown at runtime.
- D. 5

Answer: D

Explanation:

```
6 public class Tester {
7     public static void main(String[] args) {
8         StringBuilder sb = new StringBuilder (5);
9         sb.append ("HOWDY" );
10        sb.insert (0, ' ');
11        sb.replace(3, 5, "LL");
12        sb.insert (6, "COW");
13        sb.delete(2, 7);
14        System.out.println(sb.length());
15    }
16 }
```

(command line arguments)

COMPILE & EXECUTE

PASTE SOURCE

Successfully compiled /tmp/java_82Tlan/Tester.java <-- main method

5

NEW QUESTION 2

Given:

```
package b;
public class Person {
    protected Person() { //line 1
    }
}
```

and

```
package a;
import b.Person;
public class Main { //line 2
    public static void main(String[] args) {
        Person person = new Person(); //line 3
    }
}
```

Which two allow a.Main to allocate a new Person? (Choose two.)

- A. In Line 1, change the access modifier to privateprivate Person() {
- B. In Line 1, change the access modifier to publicpublic Person() {
- C. In Line 2, add extends Person to the Main classpublic class Main extends Person {and change Line 3 to create a new Main objectPerson person = new Main();
- D. In Line 2, change the access modifier to protectedprotected class Main {
- E. In Line 1, remove the access modifierPerson() {

Answer: BC

NEW QUESTION 3

Which interface in the java.util.function package will return a void return type?

- A. Supplier
- B. Predicate
- C. Function
- D. Consumer

Answer: D

NEW QUESTION 4

A bookstore's sales are represented by a list of Sale objects populated with the name of the customer and the books they purchased.

```
public class Sale { private String customer;
private List<Book> items;
// constructor, setters and getters not shown
}
public class Book { private String name; private double price;
// constructor, setters and getters not shown
}
```

Given a list of Sale objects, tList, which code fragment creates a list of total sales for each customer in ascending order?

- A.

```
List<String> totalByUser = tList.stream()
    .collect( flatMapping( t -> t.getItems().stream(),
        groupingBy( Sale::getCustomer,
            summingDouble( Book::getPrice ) ) ) )
    .entrySet().stream()
    .sorted( Comparator.comparing( Entry::getValue ) )
    .collect( mapping( e -> e.getKey() + ":" + e.getValue(), toList() ) );
```
- B.

```
List<String> totalByUser = tList.stream()
    .collect( groupingBy( Sale::getCustomer,
        flatMapping( t -> t.getItems().stream(),
            summingDouble( Book::getPrice ) ) ) )
    .sorted( Comparator.comparing( Entry::getValue ) )
    .collect( mapping( e -> e.getKey() + ":" + e.getValue(), toList() ) );
```
- C.

```
List<String> totalByUser = tList.stream()
    .collect( groupingBy( Sale::getCustomer,
        flatMapping( t -> t.getItems().stream(),
            summingDouble( Book::getPrice ) ) ) )
    .entrySet().stream()
    .sorted( Comparator.comparing( Entry::getValue ) )
    .collect( mapping( e -> e.getKey() + ":" + e.getValue(), toList() ) );
```
- D.

```
List<String> totalByUser = tList.stream()
    .collect( flatMapping( t -> t.getItems().stream(),
        groupingBy( Sale::getCustomer,
            summingDouble( Book::getPrice ) ) ) )
    .sorted( Comparator.comparing( Entry::getValue ) )
    .collect( mapping( e -> e.getKey() + ":" + e.getValue(), toList() ) );
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: C

NEW QUESTION 5

Which two commands are used to identify class and module dependencies? (Choose two.)

- A. jmod describe
- B. java Hello.java
- C. jdeps --list-deps
- D. jar --show-module-resolution
- E. java --show-module-resolution

Answer: CE

NEW QUESTION 6

Given:

```
public interface API { //line 1
    public void checkValue(Object value)
        throws IllegalArgumentException; //line 2
    public boolean isValueANumber(Object val) {
        if(val instanceof Number) {
            return true;
        }else {
            try {
                Double.parseDouble(val.toString());
                return true;
            }catch (NumberFormatException ex) {
                return false;
            }
        }
    }
}
```

Which two changes need to be made to make this class compile? (Choose two.)

- A. Change Line 1 to an abstract class:public abstract class API {
- B. Change Line 2 access modifier to protected:protected void checkValue(Object value)throws IllegalArgumentException;
- C. Change Line 1 to a class:public class API {
- D. Change Line 1 to extend java.lang.AutoCloseable:public interface API extends AutoCloseable {
- E. Change Line 2 to an abstract method:public abstract void checkValue(Object value)throws IllegalArgumentException;

Answer: CE

NEW QUESTION 7

Given:

```
1. {
2.   Iterator iter = List.of(1,2,3).iterator();
3.   while (iter.hasNext()) {
4.     foo(iter.next());
5.   }
6.   Iterator iter2 = List.of(1,2,3).iterator();
7.   while (iter.hasNext()) {
8.     bar(iter2.next());
9.   }
10. }
11. for (Iterator iter = List.of(1,2,3).iterator(); iter.hasNext(); ) {
12.   foo(iter.next());
13. }
14. for (Iterator iter2 = List.of(1,2,3).iterator(); iter.hasNext(); ) {
15.   bar(iter2.next());
16. }
```

Which loop incurs a compile time error?

- A. the loop starting line 11
- B. the loop starting line 7
- C. the loop starting line 14
- D. the loop starting line 3

Answer: C

NEW QUESTION 8

Given this enum declaration:

```
1. enum Letter {
2.   ALPHA(100), BETA(200), GAMMA(300);
3.   int v;
4.   Letter(int v) { this.v = v; }
5.   /* Insert code here */
6. }
```

Examine this code: System.out.println(Letter.values()[1]);

What code should be written at line 5 for this code to print 200?

- A. public String toString() { return String.valueOf(ALPHA.v); }
- B. public String toString() { return String.valueOf(Letter.values()[1]); }
- C. public String toString() { return String.valueOf(v); }
- D. String toString() { return "200"; }

Answer: C

Explanation:

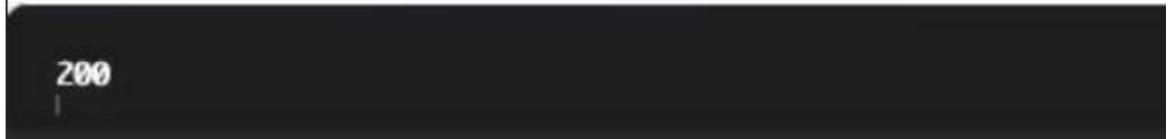
```

13 public class Main {
14     enum Letter {
15         ALPHA(100), BETA(200), GAMMA(300);
16         int v;
17         Letter(int v) { this.v = v; }
18         public String toString() { return String.valueOf(v); }
19
20
21
22     }
23     public static void main (String[] args) {
24         System.out.println(Letter.values() [1]);
25     }
26 }
27
28

```

Result

compiled and executed in 1.099 sec(s)



NEW QUESTION 9

Given an application with a main module that has this module-info.java file:

```

module main {
    exports country;
    uses country.CountryDetails;
}

```

Which two are true? (Choose two.)

- A. A module providing an implementation of country.CountryDetails can be compiled and added without recompiling the main module.
- B. A module providing an implementation of country.CountryDetails must have a requires main; directive in its module-info.java file.
- C. An implementation of country.countryDetails can be added to the main module.
- D. To compile without an error, the application must have at least one module in the module source path that provides an implementation of country.CountryDetails.
- E. To run without an error, the application must have at least one module in the module path that provides an implementation of country.CountryDetails.

Answer: BD

NEW QUESTION 10

Given:

```

public class MethodTest {
    // line 1
}

```

Which two method implementations are correct, when inserted independently in line 1? (Choose two.)

A.

```
public boolean methodD(int x) {  
    return x > 0;  
}
```

B.

```
public String methodB() {  
    System.out.println("methodB");  
}
```

C.

```
public char methodE (String msg) {  
    return msg;  
}
```

D.

```
public void methodC(int x) {  
    return ++x;  
}
```

E.

```
public void methodA() {  
    System.out.println("methodA");  
}
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

Answer: AE

NEW QUESTION 10

Given:

```
1. interface Pastry {  
2.     void getIngredients();  
3. }  
4. abstract class Cookie implements Pastry {}  
5.  
6. class ChocolateCookie implements Cookie {  
7.     public void getIngredients() {}  
8. }  
9. class CoconutChocolateCookie extends ChocolateCookie {  
10.     void getIngredients(int x) {}  
11. }
```

Which is true?

- A. The compilation fails due to an error in line 6.
- B. The compilation succeeds.
- C. The compilation fails due to an error in line 4.
- D. The compilation fails due to an error in line 10.
- E. The compilation fails due to an error in line 7.
- F. The compilation fails due to an error in line 9.
- G. The compilation fails due to an error in line 2.

Answer: A

NEW QUESTION 11

Which two statements set the default locale used for formatting numbers, currency, and percentages? (Choose two.)

- A. `Locale.setDefault(Locale.Category.FORMAT, "zh-CN");`
- B. `Locale.setDefault(Locale.Category.FORMAT, Locale.CANADA_FRENCH);`
- C. `Locale.setDefault(Locale.SIMPLIFIED_CHINESE);`
- D. `Locale.setDefault("en_CA");`
- E. `Locale.setDefault("es", Locale.US);`

Answer: BD

NEW QUESTION 12

Given:

```
public class Main {
    public static void main(String[] args) {
        try(BufferedReader in = new BufferedReader(new InputStreamReader(System.in))) {
            System.out.print("Input: ");
            String input = in.readLine();
            System.out.println("Echo: " + input);
        } catch (IOException e) {
            e.printStackTrace();
        }
    }
}
```

And the command: java Main Helloworld What is the result ?

- A. Input: Echo:
- B. Input: Helloworld Echo: Helloworld
- C. Input:Then block until any input comes from System.in.
- D. Input:Echo: Helloworld
- E. A NullPointerException is thrown at run time.

Answer: C

Explanation:



NEW QUESTION 15

Given:

```
public class SerializedMessage implements Serializable {
    String message;
    LocalDateTime createdAt;
    transient LocalDateTime updatedAt;
    SerializedMessage(String message) {
        this.message = message;
        this.createdAt = LocalDateTime.now();
    }
    private void readObject (ObjectInputStream in) {
        try {
            in.defaultReadObject();
            this.updatedAt = LocalDateTime.now();
        } catch (IOException | ClassNotFoundException e) {
            e.printStackTrace();
        }
    }
}
```

When is the readObject method called?

- A. before this object is deserialized
- B. after this object is deserialized
- C. before this object is serialized
- D. The method is never called.
- E. after this object is serialized

Answer: B

NEW QUESTION 16

Given:

```
class Mycar {
}
```

and

```
javac C:\workspace4\Mycar.java
```

What is the expected result of javac?

- A. javac fails to compile the class and prints the error message, C:\workspace4\Mycar.java:1:error: packagejava does not exist
- B. javac compiles Mycar.java without errors or warnings.
- C. javac fails to compile the class and prints the error message, C:\workspace4\Mycar.java:1:error: expected import java.lang
- D. javac fails to compile the class and prints the error message, Error: Could not find or load main class Mycar.class

Answer: B

NEW QUESTION 17

Given:

```
public class Main {

    public static void checkConfiguration(String filename) {
        File file = new File(filename);
        if(!file.exists()) {
            throw new Error("Fatal Error: Configuration File, "
                + filename + ", is missing.");
        }
    }

    public static void main(String[] args) {
        checkConfiguration("App.config");
        System.out.println("Configuration is OK");
    }
}
```

If file "App.config" is not found, what is the result?

- A. Configuration is OK
- B. The compilation fails.
- C. Exception in thread "main" java.lang.Error:Fatal Error: Configuration File, App.config, is missing.
- D. nothing

Answer: B

Explanation:

```

cannot find symbol
symbol:   class File
location: class Main
cannot find symbol
symbol:   class File
location: class Main
checkConfiguration(String filename) {
4   File file = new File(filename);
5   if(!file.exists()) {
6       throw new Error("Fatal ErrorL Configuration File, "
7           + filename + ", is missing.");
8   }
9
10  }
11  public static void main(String[] args) {
12      checkConfiguration("App.config");
13      System.out.println("Configuration is OK");
14  }
15 }
16 |

```

NEW QUESTION 21

Given:

```

public interface A {
    abstract void x();
}

```

and

```

public abstract class B /* position 1 */ {
    /* position 2 */
    public void x() { }
    public abstract void z();
}

```

and

```

public class C extends B implements A {
    /* position 3 */
}

```

Which code, when inserted at one or more marked positions, would allow classes B and C to compile?

- A. @Override // position 3 void x () {} // position 3 @Override // position 3 public void z() {} // position 3
- B. @Override // position 2 public void z() {} // position 3
- C. implements A // position 1 @Override // position 2
- D. public void z() {} // position 3

Answer: B

NEW QUESTION 25

Given:

```

public class Tester {
    public static void main(String[] args) {
        int x = 4;
        int y = 2;
        System.out.println(x+y+"=(x+y)="+x+y);
    }
}

```

What is the result?

- A. An exception is thrown at runtime
- B. 42=(x+y)=42
- C. 42=(x+y)=6
- D. 6=(x+y)=42
- E. 6=(x+y)=6

Answer: D

Explanation:

```

Console 5
6=(x+y)=42
Completed with exit code: 0
    
```

NEW QUESTION 26

Which describes a characteristic of setting up the Java development environment?

- A. Setting up the Java development environment requires that you also install the JRE.
- B. The Java development environment is set up for all operating systems by default.
- C. You set up the Java development environment for a specific operating system when you install the JDK.
- D. Setting up the Java development environment occurs when you install an IDE before the JDK.

Answer: D

NEW QUESTION 30

Given:

```

class Myclass {
public static void main(String [] args) {
    System.out.println(arg[1] + "--" + arg[3] + "--" + arg[0]);
}
}
    
```

executed using this command: java Myclass My Car is red What is the output of this class?

- A. Car--red--My
- B. My--Car--is
- C. My--is--java
- D. java--Myclass--My
- E. Myclass--Car--red

Answer: A

NEW QUESTION 31

What makes Java dynamic?

- A. At runtime, classes are loaded as needed, and new code modules can be loaded on demand.
- B. The runtime can process machine language sources as well as executables from different language compilers.
- C. The Java compiler uses reflection to test if class methods are supported by resources of a target platform.
- D. The Java compiler preprocesses classes to run on specific target platforms.

Answer: A

NEW QUESTION 32

Given:

```

public class Test{
    private int num = 1;
    private int div = 0;

    public void divide() {
        try {
            num = num / div;
            System.out.print("Exception");
        }
        catch(ArithmeticException ae) { num = 100; }
        catch(Exception e) { num = 200; }
        finally { num = 300; }
        System.out.print(num);
    }
    public static void main(String args[])
    {
        Test test = new Test();
        test.divide();
    }
}
    
```

What is the output?

- A. 300
- B. Exception
- C. 200
- D. 100

Answer: A

Explanation:

```
1 public class Test{
2     private int num = 1;
3     private int div = 0;
4
5     public void divide() {
6         try {
7             num = num / div;
8             System.out.print("Exception");
9         }
10        catch(ArithmeticException ae) { num = 100; }
11        catch(Exception e) { num = 200; }
12        finally { num = 300; }
13        System.out.print(num);
14    }
15    public static void main(String args[])
16    {
17        Test test = new Test();
18        test.divide();
19    }
20 }
```

Execute Mode, Version, Inputs & Arguments

JDK 11.0.4

In

CommandLine Arguments

Result

CPU Time: 0.15 sec(s), Memory: 32484 kilobyte(s)

300

NEW QUESTION 34

Given:

```
public class Test {
    public static void doThings() throws GeneralException {
        try {
            throw new RuntimeException("Someting happened");
        } catch (Exception e) {
            throw new SpecificException(e.getMessage());
        }
    }
    public static void main(String args[]) {
        try{
            Test.doThings();
        } catch (Exception e) {
            System.out.println(e.getMessage());
        }
    }
}
class GeneralException /* line 1 */ {
    public GeneralException(String s) { super(s); }
}
class SpecificException /* line 2 */ {
    public SpecificException(String s) { super(s); }
}
```

Which option should you choose to enable the code to print Something happened?

- A. Add extends GeneralException on line 1.Add extends Exception on line 2.
- B. Add extends SpecificException on line 1.Add extends GeneralException on line 2.
- C. Add extends Exception on line 1.Add extends Exception on line 2.
- D. Add extends Exception on line 1.Add extends GeneralException on line 2.

Answer: D

Explanation:

```
1 import java.util.*;
2 import java.io.*;
3 import java.lang.Thread;
4 import java.util.ArrayList;
5 import java.util.LinkedList;
6 import java.util.List;
7
8 public class Test {
9
10 public static void doThings() throws GeneralException {
11     try{
12         throw new RuntimeException("Something happened");
13     } catch (Exception e) {
14         throw new SpecificException (e.getMessage());
15     }
16 }
17 }
18
19 public static void main(String args[]) {
20     try{
21         Test.doThings();
22     }catch (Exception e) {
23         System.out.println(e.getMessage());
24     }
25 }
26 class GeneralException extends Exception {
27     public GeneralException(String s) { super(s); }
28 }
29 class SpecificException extends GeneralException {
30     public SpecificException(String s) { super(s);}
31 }
32 }
```

NEW QUESTION 38

Given:

```

1. public class Secret {
2.     String[] names;
3.     public Secret(String[] names) {
4.         this.names = names;
5.     }
6.     public String[] getNames() {
7.         return names;
8.     }
9. }

```

Which three actions implement Java SE security guidelines? (Choose three.)

- A. Change line 7 to return names.clone();
- B. Change line 4 to this.names = names.clone();
- C. Change the getNames() method name to get\$Names().
- D. Change line 6 to public synchronized String[] getNames() {
- E. Change line 2 to private final String[] names;.
- F. Change line 3 to private Secret(String[] names) {.
- G. Change line 2 to protected volatile String[] names;.

Answer: EFG

NEW QUESTION 41

Given:

```

public class X {
    private Collection collection;
    public void set(Collection collection) {
        this.collection = collection;
    }
}

```

and

```

public class Y extends X {
    public void set(Map<String, String> map) {
        super.set(map); // line 1
    }
}

```

Which two lines can replace line 1 so that the Y class compiles? (Choose two.)

- A. map.forEach((k, v) -> set(v));
- B. set(map.values());
- C. super.set(List<String> map)
- D. super.set(map.values());
- E. set(map)

Answer: BD

NEW QUESTION 43

Which is the correct order of possible statements in the structure of a Java class file?

- A. class, package, import
- B. package, import, class
- C. import, package, class
- D. package, class, import
- E. import, class, package

Answer: B

NEW QUESTION 45

Given:

```

public class FunctionalInterfaceTest {
    public static void main(String[] args) {
        List fruits = Arrays.asList("apple", "orange", "banana");
        Consumer<String> c = System.out::print;
        Consumer<String> output = c.andThen(x -> System.out.println(": " + x.toUpperCase
    ));
        fruits.forEach(output);
    }
}

```

What is the output?

- A. :APPLE:ORANGE:BANANAappleorangebanana

- B. :APPLE:ORANGE:BANANA
- C. APPLE:apple ORANGE:orange BANANA:banana
- D. appleorangebanana:APPLE:ORANGE:BANANA
- E. apple:APPLE orange:ORANGE banana:BANANA

Answer: E

Explanation:

```

1 import java.util.*;
2 import java.io.*;
3 import java.lang.Thread;
4 import java.util.ArrayList;
5 import java.util.LinkedList;
6 import java.util.List;
7 import java.util.function.Consumer;
8
9 public class FunctionalInterfaceTest {
10 public static void main (String[] args) {
11     List fruits = Arrays.asList("apple", "orange", "banana");
12     Consumer<String> c = System.out::print;
13     Consumer<String> output = c.andThen(x -> System.out.println(":" + x.toUpperCase()));
14
15     fruits.forEach(output);
16
17 }
18 }

```

Execute Mode, Version, Inputs & Arguments

JDK 11.0.4 Interactive Stdin Inputs

CommandLine Arguments

▶ Execute ⋮ 📄

Result
CPU Time: 0.26 sec(s), Memory: 32984 kilobyte(s)

```

apple:APPLE
orange:ORANGE
banana:BANANA

```

NEW QUESTION 47

You are working on a functional bug in a tool used by your development organization. In your investigation, you find that the tool is executed with a security policy file containing this grant.

```

grant codebase "file:${klib.home}/j2se/home/klib.jar" {
    permission java.security.AllPermission;
};

```

What action should you take?

- A. Nothing, because it is an internal tool and not exposed to the public.
- B. Remove the grant because it is excessive.
- C. Nothing, because it is not related to the bug you are investigating.
- D. File a security bug against the tool referencing the excessive permission granted.
- E. Nothing, because listing just the required permissions would be an ongoing maintenance challenge.

Answer: D

NEW QUESTION 50

Given the code fragment:

```

int x = 0;
do {
    x++;
    if (x == 1) {
        continue;
    }
    System.out.println(x);
} while(x < 1);

```

What is the result?

- A. 01
- B. 1
- C. The program prints nothing.
- D. It prints 1 in the infinite loop.

Answer: D

NEW QUESTION 53

Given:

```
public interface TestInterface {
    default void samplingProbeProcedure() {
        probeProcedure();
        System.out.println("Collect Sample");
        System.out.println("Leave Asteroid");
        System.out.println("Dock with Main Craft");
    }
    default void explosionProbeProcedure() {
        probeProcedure();
        System.out.println("Explode")
    }
}
```

Examine these requirements:

- Eliminate code duplication.
- Keep constant the number of methods other classes may implement from this interface. Which method can be added to meet these requirements?

- A.

```
private default void probeProcedure(){
    System.out.println("Launch Probe");
    System.out.println("Land on Asteroid");
}
```
- B.

```
static void probeProcedure(){
    System.out.println("Launch Probe");
    System.out.println("Land on Asteroid");
}
```
- C.

```
private void probeProcedure(){
    System.out.println("Launch Probe");
    System.out.println("Land on Asteroid");
}
```
- D.

```
default void probeProcedure(){
    System.out.println("Launch Probe");
    System.out.println("Land on Asteroid");
}
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: B

NEW QUESTION 55

Given:

```
void myLambda() {
    int i = 25;
    Supplier<Integer> foo = () -> i;
    i++;
    System.out.println(foo.get());
}
```

Which is true?

- A. The code compiles but does not print any result.
- B. The code prints 25.
- C. The code does not compile.
- D. The code throws an exception at runtime.

Answer: C

NEW QUESTION 57

Given:

```
var i = 10;
var j = 5;
i += (j * 5 + j) / i - 2;
System.out.println(i);
```

What is the result?

- A. 5
- B. 3
- C. 23
- D. 25
- E. 11

Answer: E

NEW QUESTION 58

Which two statements are correct about modules in Java? (Choose two.)

- A. java.base exports all of the Java platforms core packages.
- B. module-info.java can be placed in any folder inside module-path.
- C. A module must be declared in module-info.java file.
- D. module-info.java cannot be empty.
- E. By default, modules can access each other as long as they run in the same folder.

Answer: AC

NEW QUESTION 60

Given:

```
enum QUALITY {
    A(100), B(75), C(50);
    int percent;
    private QUALITY(int percent) {
        this.percent = percent;
    }
}
```

and checkQuality(QUALITY.A); and

```
void checkQuality(QUALITY q) {
    switch (q) {
        case /* Insert code here */ :
            System.out.println("Best");
            break;
        default :
            System.out.println("Not best");
            break;
    }
}
```

Which code fragment can be inserted into the switch statement to print Best?

- A. QUALITY.A.ValueOf()
- B. A
- C. A.toString()
- D. QUALITY.A

Answer: B

NEW QUESTION 63

Given:

```
String originalPath = "data\projects\a-project\..\..\another-project"; Path path = Paths.get(originalPath); System.out.print(path.normalize());
```

What is the result?

- A. data\another-project
- B. data\projects\a-project\another-project
- C. data\projects\a-project\..\..\another-project
- D. data\projects\a-project\..\..\another-project

Answer: D

Explanation:

```

1 import java.util.*;
2 import java.io.*;
3 import java.nio.file.*;
4
5 public class Test {
6
7     public static void main(String[] args) {
8         String originalPath = "data\\projects\\a-project\\..\\..\\another-project";
9         Path path = Paths.get(originalPath);
10        System.out.print(path.normalize());
11    }
12 }

```

Execute Mode, Version, Inputs & Arguments

JDK 11.0.4 Interactive Stdin Input

CommandLine Arguments

Execute

Result
CPU Time: 0.19 sec(s), Memory: 31984 kilobyte(s)

data\projects\a-project\..\..\another-project

NEW QUESTION 68

Assume ds is a DataSource and the EMP table is defined appropriately.

```

try (Connection conn = ds.getConnection();
     PreparedStatement ps = conn.prepareStatement("INSERT INTO EMP VALUES(?, ?, ?)")) {
    ps.setObject(1, 101, JDBCType.INTEGER);
    ps.setObject(2, "SMITH", JDBCType.VARCHAR);
    ps.setObject(3, "HR", JDBCType.VARCHAR);
    ps.executeUpdate();
    ps.setInt(1, 102);
    ps.setString(2, "JONES");
    ps.executeUpdate();
}

```

What does executing this code fragment do?

- A. inserts two rows (101, 'SMITH', 'HR') and (102, 'JONES', NULL)
- B. inserts two rows (101, 'SMITH', 'HR') and (102, 'JONES', 'HR')
- C. inserts one row (101, 'SMITH', 'HR')
- D. throws a SQLException

Answer: C

NEW QUESTION 72

Given:

```

public class Main {
    public static void main(String[] args) {
        int i = 1;
        for(String s : args) {
            System.out.println((i++) + " " + s);
        }
    }
}

```

executed with this command: java Main one two three

What is the output of this class?

- A. The compilation fails.
- B. 1) one2) two3) three
- C. A java.lang.ArrayIndexOutOfBoundsException is thrown.
- D. 1) one

E. nothing

Answer: B

NEW QUESTION 76

Given:

```
public class Person {
    private String name = "Joe Bloggs";
    public Person(String name) {
        this.name = name;
    }
    public String toString() {
        return name;
    }
}
```

and

```
public class Tester {
    public static void main(String[] args) {
        Person p1 = new Person(); // line 1
        System.out.println(p1);
    }
}
```

What is the result?

- A. null
- B. Joe Bloggs
- C. The compilation fails due to an error in line 1.
- D. p1

Answer: C

Explanation:

✖ constructor Person in class Person cannot be applied to given types;
required: java.lang.String
found: no arguments
reason: actual and formal argument lists differ in length

```

4      Person p1 = new Person();
5      System.out.println(p1);
6  }
7  }|
```

NEW QUESTION 80

Given:

```
public class Test {
    public static void main(String[] args) {
        int x;
        int y = 5;
        if (y > 2) {
            x = ++y;
            y = x + 7;
        } else {
            y++;
        }
        System.out.print(x + " " + y);
    }
}
```

What is the result?

- A. compilation error
- B. 0 5
- C. 6 13
- D. 5 12

Answer: A

Explanation:

```

1 public class Test {
2 public static void main (String[] args) {
3     int x;
4     int y = 5;
5     if (y > 2) {
6         x = ++y;
7         y = x + 7;
8     } else {
9         y++;
10    }
11    System.out.print(x + " "+y);
12 }
13 }

```

variable x might not have been initialized

NEW QUESTION 85

Which describes an aspect of Java that contributes to high performance?

- A. Java prioritizes garbage collection.
- B. Java has a library of built-in functions that can be used to enable pipeline burst execution.
- C. Java monitors and optimizes code that is frequently executed.
- D. Java automatically parallelizes code execution.

Answer: C

NEW QUESTION 89

Given:

```

public class DNASynth {
    int aCount;
    int tCount;
    int cCount;
    int gCount;

    int getACount(int aCount){
        return aCount;
    }
    int getTCount(int tCount){
        return this.tCount;
    }
    int getCCount(){
        return getTotalCount() - this.aCount - getTCount(0) - gCount;
    }
    int getGCount(){
        return getGCount();
    }
    int getTotalCount(){
        return aCount + getTCount(0) + this.cCount + this.gCount;
    }
}

```

Which two methods facilitate valid ways to read instance fields? (Choose two.)

- A. getTCount
- B. getACount
- C. getTotalCount
- D. getCCount
- E. getGCount

Answer: CD

NEW QUESTION 91

Given:

```
import java.util.function.BiFunction;
public class Pair<T> {
    final BiFunction<T, T, Boolean> validator;
    T left = null;
    T right = null;
    private Pair() {
        validator=null;
    }
    Pair(BiFunction<T, T, Boolean> v, T x, T y) {
        validator = v;
        set(x, y);
    }
    void set(T x, T y) {
        if (!validator.apply(x, y)) throw new IllegalArgumentException();
        setLeft(x);
        setRight(y);
    }
    void setLeft(T x) {
        left = x;
    }
    void setRight(T y) {
        right = y;
    }
    final boolean isValid() {
        return validator.apply(left, right);
    }
}
```

It is required that if p instanceof Pair then p.isValid() returns true.
Which is the smallest set of visibility changes to insure this requirement is met?

- A. setLeft and setRight must be protected.
- B. left and right must be private.
- C. isValid must be public.
- D. left, right, setLeft, and setRight must be private.

Answer: B

NEW QUESTION 94

Which two statements are true about Java modules? (Choose two.)

- A. Modular jars loaded from --module-path are automatic modules.
- B. Any named module can directly access all classes in an automatic module.
- C. Classes found in -classpath are part of an unnamed module.
- D. Modular jars loaded from -classpath are automatic modules.
- E. If a package is defined in both the named module and the unnamed module, then the package in the unnamed module is ignored.

Answer: AC

NEW QUESTION 98

Given:

```
package test;
import java.time.*;
public class Diary {
    private LocalDate now = LocalDate.now();
    public LocalDate getDate() {
        return now;
    }
}
```

and

```
package test;
public class Tester {
    public static void main(String[] args) {
        Diary d = new Diary();
        System.out.println(d.getDate());
    }
}
```

Which statement is true?

- A. Class Tester does not need to import java.time.LocalDate because it is already visible to members of the package test.
- B. All classes from the package java.time
- C. are loaded for the class Diary.
- D. Only LocalDate class from java.time package is loaded.
- E. Tester must import java.time.LocalDate in order to compile.

Answer: A

NEW QUESTION 99

Given:

```
public method foo() throws FooException {
    ...
}
```

and omitting the throws FooException clause results in a compilation error. Which statement is true about FooException?

- A. FooException is a subclass of RuntimeException.
- B. FooException is unchecked.
- C. The body of foo can only throw FooException.
- D. The body of foo can throw FooException or one of its subclasses.

Answer: D

NEW QUESTION 100

Given:

```
public class Test {
    public static void main(String[] args) {
        AnotherClass ac = new AnotherClass();
        SomeClass sc = new AnotherClass();
        ac = sc;
        sc.methodA();
        ac.methodA();
    }
}
class SomeClass {
    public void methodA() {
        System.out.println("SomeClass#methodA()");
    }
}
class AnotherClass extends SomeClass {
    public void methodA() {
        System.out.println("AnotherClass#methodA()");
    }
}
```

What is the result?

- A. A ClassCastException is thrown at runtime.
- B. AnotherClass#methodA()AnotherClass#methodA()
- C. The compilation fails.
- D. SomeClass#methodA()AnotherClass#methodA()
- E. AnotherClass#methodA()SomeClass#methodA()
- F. SomeClass#methodA()SomeClass#methodA()

Answer: C

Explanation:

```

1 public class Test {
2     public static void main (String[] args) {
3         AnotherClass ac = new AnotherClass();
4
5         ac = sc;
6         sc.methodA();
7         ac.methodA();
8     }
9 }
10 class SomeClass {
11     public void methodA() {
12         System.out.println("SomeClass#methodA()");
13     }
14 }
15 }
16 class AnotherClass extends SomeClass {
17     public void methodA() {
18         System.out.println("AnotherClass#methodA()");
19     }
20 }

```

incompatible types: SomeClass cannot be converted to AnotherClass

NEW QUESTION 102

Given:

```

public class Main {
    public static void main(String[] args) {
        Thread t1 = new Thread(new MyThread());
        Thread t2 = new Thread(new MyThread());
        Thread t3 = new Thread(new MyThread());

        t1.start();
        t2.run();
        t3.start();

        t1.start();
    }
}
class MyThread implements Runnable {
    public void run() {
        System.out.println("Running.");
    }
}

```

Which one is correct?

- A. An IllegalThreadStateException is thrown at run time.
- B. Three threads are created.
- C. The compilation fails.
- D. Four threads are created.

Answer: A

Explanation:

```

Running.
Running.
Running.

Exception in thread "main" java.lang.IllegalThreadStateException
at java.base/java.lang.Thread.start(Thread.java:794)
at Main.main(Main.java:12)

```

NEW QUESTION 103

Given:

```

var data = new ArrayList<>(); data.add("Peter");
data.add(30); data.add("Market Road"); data.set(1, 25); data.remove(2); data.set(3, 1000L); System.out.print(data);

```

What is the output?

- A. [Market Road, 1000]
- B. [Peter, 30, Market Road]
- C. [Peter, 25, null, 1000]
- D. An exception is thrown at run time.

Answer: D

Explanation:

```

Console 1
Exception in thread "main" java.lang.IndexOutOfBoundsException: Index 3 out of bounds for length 2
    at java.base/jdk.internal.util.Preconditions.outOfBounds(Preconditions.java:64)
    at java.base/jdk.internal.util.Preconditions.outOfBoundsCheckIndex(Preconditions.java:70)
    at java.base/jdk.internal.util.Preconditions.checkIndex(Preconditions.java:248)
    at java.base/java.util.Objects.checkIndex(Objects.java:372)
    at java.base/java.util.ArrayList.set(ArrayList.java:472)
    at abc.main(abc.java:13)

Completed with exit code: 1
    
```

NEW QUESTION 104

Given:

```

import java.util.List;
import java.util.function.BinaryOperator;
public class Main {
    public static void main(String... args) {
        List<Employee> list = List.of(new Employee("John", 80000.0), new Employee("Scott",
90000.0));
        double starts = 0.0;
        double ratio = 1.0;
        BinaryOperator<Double> bo = (a, b) -> a + b;
double totalSalary = list.stream().map(e -> e.getSalary() * ratio).reduce(starts, bo);
// line 1
        System.out.println("Total salary = " + totalSalary);
    }
}

class Employee {
    String name;
    double salary;
    public Employee(String name, double salary) {
        this.name = name;
        this.salary = salary;
    }
    public String getName() { return name; }
    public double getSalary() { return salary; }
}
    
```

Which statement is equivalent to line 1?

- A. `double totalSalary = list.stream().map(e -> e.getSalary() * ratio).reduce(bo).ifPresent(p -> p.doubleValue());`
- B. `double totalSalary = list.stream().mapToDouble(e -> e.getSalary() * ratio).sum;`
- C. `double totalSalary = list.stream().map(Employee::getSalary * ratio).reduce(bo).orElse(0.0);`
- D. `double totalSalary = list.stream().mapToDouble(e -> e.getSalary() * ratio).reduce(starts, bo);`

Answer: C

Explanation:

```

Employee.java x Main.java x +
1 import java.util.List;
2 import java.util.function.BinaryOperator;
3
4 public class Main {
5     public static void main (String... args) {
6         List<Employee> list = List.of(new Employee("John", 80000.0), new Employee("Scott", 90000.0));
7         double starts = 0.0;
8         double ratio = 1.0;
9         BinaryOperator<Double> bo = (a, b) -> a + b;
10        double totalSalary = list.stream().map(e -> e.getSalary() * ratio).reduce(starts, bo);
11        //line 1
12        System.out.println("Total salary = " + totalSalary);
13    }
14
15 }
16

Console 1 x
Total salary = 170000.0
Completed with exit code: 0
    
```

NEW QUESTION 109

Given:

```

public class Person {
    private String name;
    public Person(String name) {
        this.name = name;
    }
    public String toString() {
        return name;
    }
}
    
```

and

```

public class Tester {
    public static void main(String[] args) {
        Person p = null;
        checkPerson(p);
        System.out.println(p);
        p = new Person("Mary");
        checkPerson(p);
        System.out.println(p);
    }
    public static Person checkPerson(Person p) {
        if (p == null) {
            p = new Person("Joe");
        }else{
            p = null;
        }
        return p;
    }
}
    
```

What is the result?

- A. JoeMary
- B. Joenull
- C. nullnull
- D. nullMary

Answer: D

Explanation:

```

Console 1 x Console 2 x Console 3 x
null
Mary
Completed with exit code: 0
    
```

NEW QUESTION 113

Given:

```
public class Main {
    public static void main(String[] args) {
        Optional<String> value = createValue();
        String str = value.orElse ("Duke");
        System.out.println(str);
    }
    static Optional<String> createValue() {
        String s = null;
        return Optional.ofNullable(s);
    }
}
```

What is the output?

- A. null
- B. A NoSuchElementException is thrown at run time.
- C. Duke
- D. A NullPointerException is thrown at run time.

Answer: C

Explanation:

The screenshot shows a code editor with the following Java code:

```
14
15 public class Main {
16     public static void main(String[] args) {
17         Optional<String> value = createValue();
18         String str = value.orElse ("Duke");
19         System.out.println(str);
20     }
21     static Optional<String> createValue() {
22         String s = null;
23         return Optional.ofNullable(s);
24     }
25 }
26
```

Below the code, the execution result is shown:

result
CPU Time: 0.15 sec(s), Memory: 32572 kilobyte(s)

Duke

NEW QUESTION 115

Which is a proper JDBC URL?

- A. jdbe.mysql.com://localhost:3306/database
- B. http://localhost.mysql.com:3306/database
- C. http://localhostmysql.jdbc:3306/database
- D. jdbc:mysql://localhost:3306/database

Answer: D

NEW QUESTION 119

Given:

```
public class X {
}
and
public final class Y extends X {
}
```

What is the result of compiling these two classes?

- A. The compilation fails because there is no zero args constructor defined in class X.
- B. The compilation fails because either class X or class Y needs to implement the toString() method.
- C. The compilation fails because a final class cannot extend another class.
- D. The compilation succeeds.

Answer: B

Explanation:

```

13
14 public class Main {
15     public static void main (String[] args) {
16         public class X {
17
18         }
19
20     public final class Y extends X {
21
22     }
23 }
24
--
    
```

NEW QUESTION 124

Given:

```

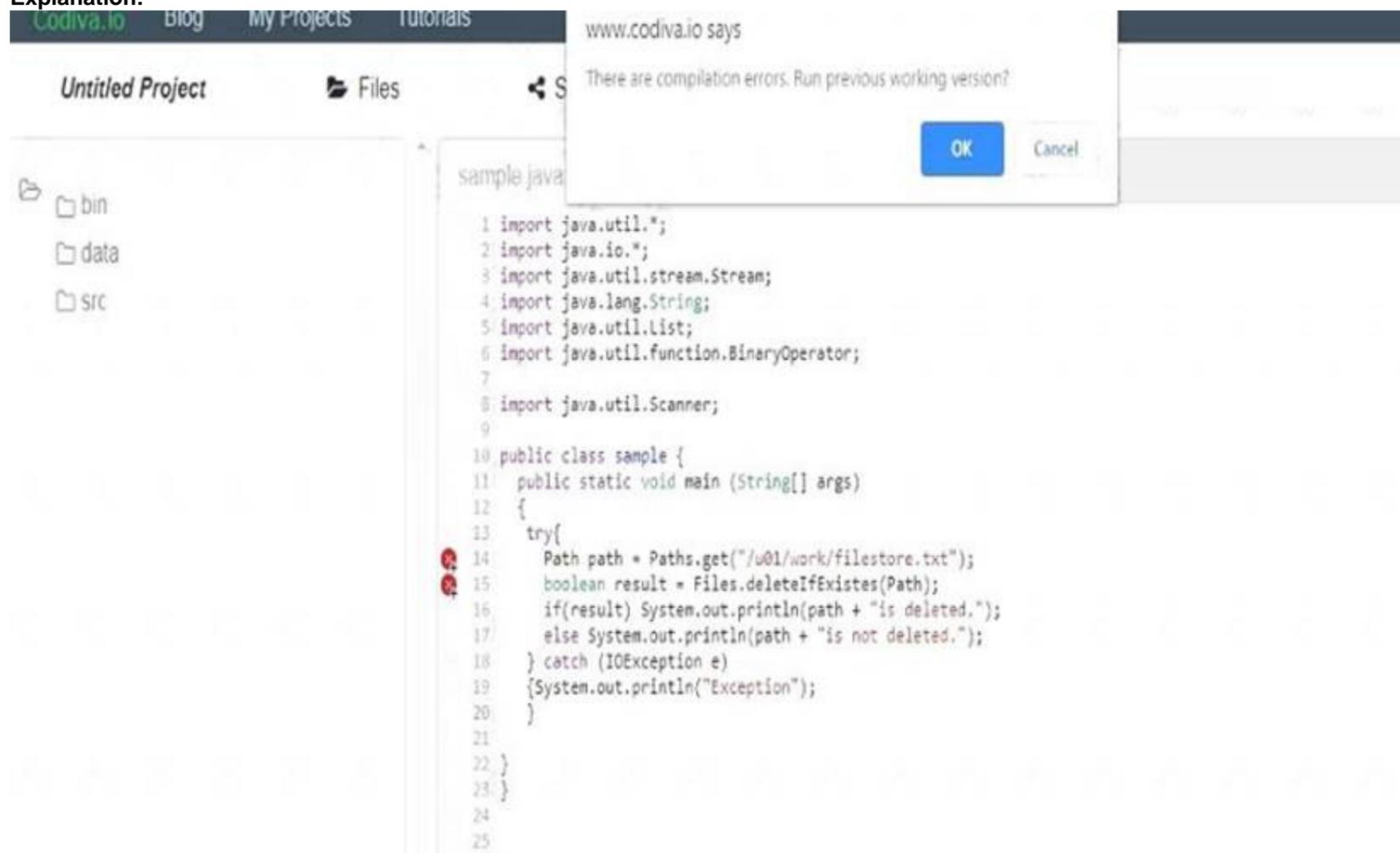
public class Main {
    public static void main(String[] args) {
        try {
            Path path = Paths.get("/u01/work/filestore.txt");
            boolean result = Files.deleteIfExists(path);
            if(result) System.out.println(path + "is deleted.");
            else System.out.println(path + "is not deleted.");
        } catch(IOException e) {
            System.out.println("Exception");
        }
    }
}
    
```

Assume the file on path does not exist. What is the result?

- A. The compilation fails.
- B. /u01/work/filestore.txt is not deleted.
- C. Exception
- D. /u01/work/filestore.txt is deleted.

Answer: A

Explanation:



NEW QUESTION 126

Given:

```
enum Color implements Serializable {
    R(1), G(2), B(3);
    int c;
    public Color(int c) {
        this.c = c;
    }
}
```

What action ensures successful compilation?

- A. Replace public Color(int c) with private Color(int c).
- B. Replace int c; with private int c;.
- C. Replace int c; with private final int c;.
- D. Replace enum Color implements Serializable with public enum Color.
- E. Replace enum Color with public enum Color.

Answer: A

Explanation:

```
1
2 import java.io.*;
3 import java.util.*;
4 class Hello {
5
6
7     enum Color implements Serializable {
8         R(1), G(2), B(3);
9         int c;
10        private Color (int c) {
11            this.c = c;
12        }
13    }
14 }
```

NEW QUESTION 131

Given:

```
List<String> list = ... ;
list.forEach( x -> { System.out.println(x); } );
```

What is the type of x?

- A. char
- B. List<Character>
- C. String
- D. List<String>

Answer: C

NEW QUESTION 136

Given:

```
package test.t1;
public class A {
    public int x = 42;
    protected A() {} // line 1
}
```

and

```
package test.t2;
import test.t1.*;
public class B extends A {
    int x = 17; // line 2
    public B() { super(); } // line 3
}
```

and

```
package test;
import test.t1.*;
import test.t2.*;
public class Tester {
    public static void main(String[] args) {
        A obj = new B(); // line 4
        System.out.println(obj.x); // line 5
    }
}
```

What is the result?

- A. 42
- B. The compilation fails due to an error in line 4.
- C. 17
- D. The compilation fails due to an error in line 3.
- E. The compilation fails due to an error in line 2.
- F. The compilation fails due to an error in line 1.
- G. The compilation fails due to an error in line 5.

Answer: A

NEW QUESTION 138

Given:

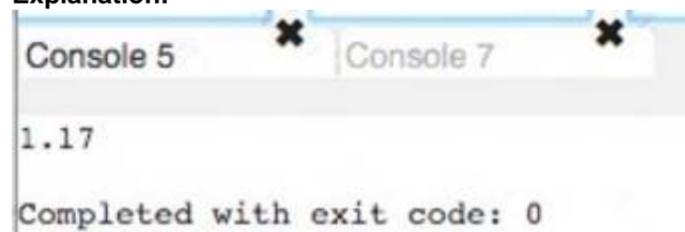
```
public class Tester {
    public static void main(String[] args) {
        byte x = 7, y = 6;
        // line 1
        System.out.println(z);
    }
}
```

Which expression when added at line 1 will produce the output of 1.17?

- A. float z = (float)(Math.round((float)x/y*100)/100);
- B. float z = Math.round((int)(x/y),2);
- C. float z = Math.round((float)x/y,2);
- D. float z = Math.round((float)x/y*100)/(float)100;

Answer: D

Explanation:



NEW QUESTION 140

Given:

```
public class Sportscar extends Automobile{
    private float turbo;
    ....
    public void setTurbo (float turbo){
        this.turbo = turbo;
    }
}
```

What is known about the Sportscar class?

- A. The Sportscar class is a subclass of Automobile and inherits its methods.
- B. The Sportscar subclass cannot override setTurbo method from the superclass Automobile.
- C. The Sportscar class is a superclass that has more functionality than the Automobile class.
- D. The Sportscar class inherits the setTurbo method from the superclass Automobile.

Answer: A

NEW QUESTION 143

Given:

```
List<Reader> dataFiles = new ArrayList<>();
File indexFile = new File("MyIndex.idx");
try (BufferedReader indexReader =
    new BufferedReader(new FileReader(indexFile))) {
    for(String file = indexReader.readLine(); file != null;
        file = indexReader.readLine()) {
        BufferedReader dataReader = new BufferedReader (
            new FileReader(new File(file))); // Line 1
        dataFiles.add(dataReader); // Line 2
        processData(dataReader); // Line 3
    }
} catch (IOException ex) {
    ...
} finally {
    for(Reader r : dataFiles) {
        try {
            r.close();
        } catch (IOException ex) {
            ...
        } // Line 4
    }
}
```

What will secure this code from a potential Denial of Service condition?

- A. After Line 4, add indexReader.close().
- B. On Line 3, enclose processData(dataReader) with try with resources.
- C. After Line 3, add dataReader.close().
- D. On Line 1, use try with resources when opening each dataReader.
- E. Before Line 1, check the size of dataFiles to make sure it does not exceed a threshold.

Answer: B

NEW QUESTION 144

Given:

```
public class Main {
    public static void main(String[] args) {
        for(int i = 0; i < args.length; i++) {
            System.out.println(i + "). " + args[i]);
            switch(args[i]) {
                case "one":
                    continue;
                case "two":
                    i--;
                    continue;
                default:
                    break;
            }
        }
    }
}
```

executed with this command: java Main one two three What is the result?

- A. 0). one
- B. 0). one1). two2). three
- C. The compilation fails.
- D. It creates an infinite loop printing:0). one1). two1). two...
- E. A java.lang.NullPointerException is thrown.

Answer: D

NEW QUESTION 146

Given:

```
public class Price {
    private final double value;
    public Price(String value) {
        this(Double.parseDouble(value));
    }
    public Price(double value) {
        this.value = value;
    }
    public Price () {}
    public double getValue() { return value; }
    public static void main(String[] args) {
        Price p1 = new Price("1.99");
        Price p2 = new Price(2.99);
        Price p3 = new Price();
        System.out.println(p1.getValue()+" "+p2.getValue()+" "+p3.getValue());
    }
}
```

What is the result?

- A. The compilation fail
- B. 1.99,2.99,0
- C. 1.99,2.99,0.0
- D. 1.99,2.99

Answer: A

Explanation:

```
1 public class Price {
2     private final double value;
3     public Price(String value) {
4         this(Double.parseDouble (value));
5     }
6     public Price(double value) {
7         this.value = value;
8     }
9     public Price (){}
10    public double getValue() { return value; }
11    public static void main (String[] args) {
12        Price p1 = new Price("1.99");
13        Price p2 = new Price("2.99");
14        Price p3 = new Price();
15        System.out.println(p1.getValue()+" "+p2.getValue()+" "+p3.getValue());
16    }
17 }
18 }
```

variable value might not have been initialized

NEW QUESTION 150

Given:

```
import java.util.*;

public class Main {
    static Map<String, String> map = new HashMap<>();
    static List<String> keys =
        new ArrayList<>(List.of("A", "B", "C", "D"));
    static String[] values =
        {"one", "two", "three", "four" };

    static {
        for(var i = 0; i < keys.size(); i++) {
            map.put(keys.get(i), values[i]);
        }
    }

    public static void main(String[] args) {
        keys.clear();
        values = new String[0];
        System.out.println("Map: " + map.size() +
            " Keys: " + keys.size() +
            " Values: " + values.length);
    }
}
```

What is the result?

- A. Map: 0 Keys: 0 Values: 0
- B. The compilation fails.
- C. Map: 4 Keys: 4 Values: 4
- D. Map: 4 Keys: 0 Values: 0
- E. Map: 0 Keys: 4 Values: 4

Answer: D

Explanation:



Map: 4 Keys: 0 Values: 0

Completed with exit code: 0

NEW QUESTION 155

Given:

```
public class Foo {
    public static void main(String... args) {
        for (var x : args) {
            System.out.println(x);
        }
    }
}
```

What is the type of the local variable x?

- A. Character
- B. char
- C. String[]
- D. String

Answer: D

NEW QUESTION 156

.....

Thank You for Trying Our Product

* 100% Pass or Money Back

All our products come with a 90-day Money Back Guarantee.

* One year free update

You can enjoy free update one year. 24x7 online support.

* Trusted by Millions

We currently serve more than 30,000,000 customers.

* Shop Securely

All transactions are protected by VeriSign!

100% Pass Your 1Z0-819 Exam with Our Prep Materials Via below:

<https://www.certleader.com/1Z0-819-dumps.html>