



Oracle

1Z0-853

Java Standard Edition 5 Programmer Certified Professional

QUESTION: 351

Given:

- 12. `NumberFormat nf = NumberFormat.getInstance();`
- 13. `nf.setMaximumFractionDigits(4);`
- 14. `nf.setMinimumFractionDigits(2);`
- 15. `String a = nf.format(3.1415926);`
- 16. `String b = nf.format(2);`

Which two statements are true about the result if the default locale is `Locale.US`? (Choose two.)

- A. The value of `b` is `2`.
- B. The value of `a` is `3.14`.
- C. The value of `a` is `3.1415`.
- D. The value of `a` is `3.141`.
- E. The value of `b` is `2.0000`.
- F. The value of `a` is `3.1416`.
- G. The value of `b` is `2.00`.

Answer: F, G

QUESTION: 352

DRAG DROP

Click the Task button.

Given:

```
public void takeList(List<? extends String> list) {  
    // insert code here  
}
```

Place the Compilation Results on each code statement to indicate whether or not that code will compile if inserted into the `takeList()` method.

Code Statements

- `list.add("Foo");`
- `list = new ArrayList<String>();`
- `list = new ArrayList<Object>();`
- `String s = list.get(0);`
- `Object o = list;`

Compilation Results

- Compilation succeeds
- Compilation fails

Done

Answer:

Given:

```
public void takeList(List<? extends String> list) {  
    // insert code here  
}
```

Place the Compilation Results on each code statement to indicate whether or not that code will compile if inserted into the takeList() method.

Code Statements

- Compilation fails
- Compilation succeeds
- Compilation fails
- Compilation succeeds
- Compilation succeeds

Compilation Results

- Compilation succeeds
- Compilation fails

Done

QUESTION: 353

Given:

11. public class Person {
12. private String name;
13. public Person(String name) {
14. this.name = name;
15. }
16. public boolean equals(Object o) {
17. if (! o instanceof Person) return false;
18. Person p = (Person) o;
19. return p.name.equals(this.name);
20. }
21. }

Which statement is true?

- A. A HashSet could contain multiple Person objects with the same name.
- B. If a HashSet contains more than one Person object with name="Fred", then removing another Person, also with name="Fred", will remove them all.
- C. All Person objects will have the same hash code because the hashCode method is not overridden.
- D. Compilation fails because the hashCode method is not overridden.

Answer: A

QUESTION: 354

DRAG DROP

Click the Task button.

Insert six modifiers into the code such that it meets all of these requirements:

1. It must be possible to create instances of Alpha and Beta from outside the packages in which they are defined.
2. When an object of type Alpha (or any potential subclass of Alpha) has been created, the instance variable alpha may never be changed.
3. The value of the instance variable alpha must always be "A" for objects of type Alpha.

Code

```
package alpha;
Place here class Alpha {
Place here String alpha;
Place here Alpha() { this("A"); }
Place here Alpha(String a) { alpha = a; }
}
```

Modifiers

- private
- protected
- public

```
package beta;
Place here class Beta extends alpha.Alpha {
Place here Beta(String a) { super(a); }
}
```

Done

Answer:

Insert six modifiers into the code such that it meets all of these requirements:

1. It must be possible to create instances of Alpha and Beta from outside the packages in which they are defined.
2. When an object of type Alpha (or any potential subclass of Alpha) has been created, the instance variable alpha may never be changed.
3. The value of the instance variable alpha must always be "A" for objects of type Alpha.

Code

```
package alpha;
public class Alpha {
protected String alpha;
public Alpha() { this("A"); }
private Alpha(String a) { alpha = a; }
}
```

Modifiers

- private
- protected
- public

```
package beta;
public class Beta extends alpha.Alpha {
public Beta(String a) { super(a); }
}
```

Done

QUESTION: 355

Given

- ```
10. class Foo {
11. static void alpha() { /* more code here */ }
12. void beta() { /* more code here */ }
13. }
```

Which two statements are true? (Choose two.)

- A. Method alpha() can directly call method beta().
- B. Method beta() can directly call method alpha().
- C. Foo.beta() is a valid invocation of beta().
- D. Foo.alpha() is a valid invocation of alpha().

**Answer:** B, D

**QUESTION:** 356

Given:

```
12. public class Yippee2 {
13.
14. static public void main(String [] yahoo) {
15. for(int x = 1; x < yahoo.length; x++) {
16. System.out.print(yahoo[x] + " ");
17. }
18. }
19. }
```

and the command line invocation:

java Yippee2 a b c What is the result?

- A. a b c
- B. a b
- C. Compilation fails.
- D. b c
- E. An exception is thrown at runtime.

**Answer:** D

**QUESTION:** 357

Given:

```
1. public class GC {
2. private Object o;
3. private void doSomethingElse(Object obj) { o = obj; }
4. public void doSomething() {
5. Object o = new Object();
6. doSomethingElse(o);
7. o = new Object();
8. doSomethingElse(null);
9. o = null;
10. }
11. }
```

When the doSomething method is called, after which line does the Object created in line 5 become available for garbage collection?

- A. Line 5
- B. Line 7
- C. Line 6
- D. Line 10

- E. Line 9
- F. Line 8

**Answer:** F

**QUESTION:** 358

Given:

1. public class MyLogger {
2. private StringBuilder logger = new StringBuuilder();
3. public void log(String message, String user) {
4. logger.append(message);
5. logger.append(user);
6. }
7. }

The programmer must guarantee that a single MyLogger object works properly for a multi-threaded system. How must this code be changed to be thread-safe?

- A. synchronize the log method
- B. replace StringBuilder with StringBuffer
- C. No change is necessary, the current MyLogger code is already thread-safe.
- D. replace StringBuilder with just a String object and use the string concatenation (+) within the log method

**Answer:** A

**QUESTION:** 359

Given:

23. int z = 5;
- 24.
25. public void stuff1(int x) {
26. assert (x > 0);
27. switch(x) {
28. case 2: x = 3;
29. default: assert false; } }
- 30.
31. private void stuff2(int y) { assert (y < 0); }
- 32.
33. private void stuff3() { assert (stuff4()); }
- 34.
35. private boolean stuff4() { z = 6; return false; }

Which statement is true?

- A. Only the assert statement on line 31 is used appropriately.
- B. The assert statements on lines 26, 29, and 31 are used appropriately.
- C. The assert statements on lines 29 and 31 are used appropriately.
- D. The assert statements on lines 29 and 33 are used appropriately.
- E. The assert statements on lines 26 and 29 are used appropriately.
- F. All of the assert statements are used appropriately.
- G. The assert statements on lines 29, 31, and 33 are used appropriately.

**Answer:** C

**QUESTION:** 360

Click the Exhibit button.

Which code, inserted at line 14, will allow this class to correctly serialize and deserialize?

```

1. import java.io.*;
2. public class Foo implements Serializable
{
3. public int x, y;
4. public Foo(int x, int y) { this.x =
x; this.y = y; }
5.
6. private void writeObject(
 ObjectOutputStream s)
7. throws IOException {
8. s.writeInt(x); s.writeInt(y) ;
9. }
10.
11. private void readObject(
 ObjectInputStream s)
12. throws IOException,
 ClassNotFoundException {
13.
14. // insert code here
15.
16. }
17. }
```

- A. this = s.defaultReadObject();
- B. y = s.readInt(); x = s.readInt();
- C. x = s.readInt(); y = s.readInt();
- D. s.defaultReadObject();

**Answer:** C

**QUESTION:** 361

Given:

- 11. public void testIfA() {
- 12. if (testIfB("True")) {
- 13. System.out.println("True");

```
14. } else {
15. System.out.println("Not true");
16. }
17. }
18. public Boolean testIfB(String str) {
19. return Boolean.valueOf(str);
20. }
```

What is the result when method testIfA is invoked?

- A. Compilation fails because of an error at line 12.
- B. True
- C. Not true
- D. Compilation fails because of an error at line 19.
- E. An exception is thrown at runtime.

**Answer: B**



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