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1Z0-803

Java SE 7 Programmer I

DEMO

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QUESTION NO: 1

Given the code fragment:

```
int[][] array2D = { {0,1,2}, {3,4,5,6} };
System.out.print(array2D[0].length + " ");
System.out.print(array2D[1].getClass().isArray() + " ");
System.out.println(array2D[0][1]);
```

What is the result?

- A. 3 false 1
- B. 2 true 3
- C. 2 false 3
- D. 3 true 1
- E. 3 false 3
- F. 2 true 1
- G. 2 false 1

Answer: D

Explanation:

The length of the element with index 0, {0, 1, 2}, is 3. Output: 3

The element with index 1, {3, 4, 5, 6}, is of type array. Output: true

The element with index 0, {0, 1, 2} has the element with index 1: 1. Output: 1

QUESTION NO: 2

View the exhibit:

```
public class Student {
    public String name = "";
    public int age = 0;
    public String major = "Undeclared";
    public boolean fulltime = true;

    public void display() {
        System.out.println("Name: " + name + " Major: " + major);
    }

    public boolean isFulltime() {
        return fulltime;
    }
}
```

```
Given:
public class TestStudent {

    public static void main(String[] args) {
        Student bob = new Student();
        Student jian = new Student();

        bob.name = "Bob";
        bob.age = 19;
        jian = bob;
        jian.name = "Jian";
        System.out.println("Bob's Name: " + bob.name);
    }
}
```

What is the result when this program is executed?

- A. Bob's Name: Bob
- B. Bob's Name: Jian
- C. Nothing prints
- D. Bob's name

Answer: B

Explanation:

After the statement `jian = bob;` the `jian` will reference the same object as `bob`.

QUESTION NO: 3

Given the code fragment:

```
String valid = "true";
if (valid) System.out.println("valid");
else      System.out.println("not valid");
```

What is the result?

- A. Valid
- B. Not valid
- C. Compilation fails
- D. An `IllegalArgumentException` is thrown at run time

Answer: C

Explanation:

In segment 'if (valid)' valid must be of type boolean, but it is a string.
This makes the compilation fail.

QUESTION NO: 4

Given:

```
public class ScopeTest {
    int z;
    public static void main(String[] args) {
        ScopeTest myScope = new ScopeTest();
        int z = 6;
        System.out.println(z);
        myScope.doStuff();
        System.out.println(z);
        System.out.println(myScope.z);
    }
    void doStuff() {
        int z = 5;
        doStuff2();
        System.out.println(z);
    }
    void doStuff2() {
        z = 4;
    }
}
```

What is the result?

- A.** 6
- 5
- 6
- 4
- B.** 6
- 5
- 5
- 4
- C.** 6
- 5
- 6
- 6
- D.** 6
- 5
- 6