Vendor: Oracle

Exam Code:1Z0-815

Exam Name: Java SE 11 Programmer I

Version: Demo

QUESTION 1

Given this requirement:

Module vehicle depends on module part and makes its com.vehicle package available for all other

modules.

Which module-info.java declaration meets the requirement?

A.
```
module vehicle{
    requires part;
    exports com.vehicle;
}
```

B.
```
module vehicle {
    requires part;
    uses com.vehicle;
}
```

C.
```
module vehicle{
   requires part;
   exports com.vehicle to part;
}
```

D.
```
module vehicle {
   requires com.vehicle;
   exports part;
}
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: B

QUESTION 2

Given the code fragment: What is the result?

```
int[] secA = { 2, 4, 6, 8, 10 };
int[] secB = { 2, 4, 8, 6, 10 };
int res1 = Arrays.mismatch(secA, secB);
int res2 = Arrays.compare(secA, secB);
System.out.print(res1 + " : " + res2);
```

A. -1 : 2

B. 2 : -1

C. 2 : 3

D. 3 : 0

Correct Answer: A

QUESTION 3

Analyze the code:

```
public class Test {
    static String prefix = "Global:";
    private String name = "namescope";
    public static String getName(){
      return new Test().name;
    }
    public static void main(String[] args) {
      Test t = new Test();
      System.out.println(/* Insert code here */);
    }
}
```

Which two options can you insert inside println method to produce Global:namescope? (Choose two.)

A. Test.prefix+Test.name

B. new Test().prefix+new Test().name

C. Test.prefix+Test.getName()

D. Test.getName+prefix

E. prefix+Test.name

F. prefix+name

Correct Answer: BC

QUESTION 4

Given: What is the result?

```
String[][] arr = {
   {"Red", "White"},
   {"Black"},
   {"Blue", "Yellow","Green","Violet"}
};
for(int row = 0; row < arr.length; row++) {
   int column = 0;
   for(; column < arr[row].length; column++) {
      System.out.println("[" + row + "," + column + "] = " + arr[row][column]);
   }
}
```

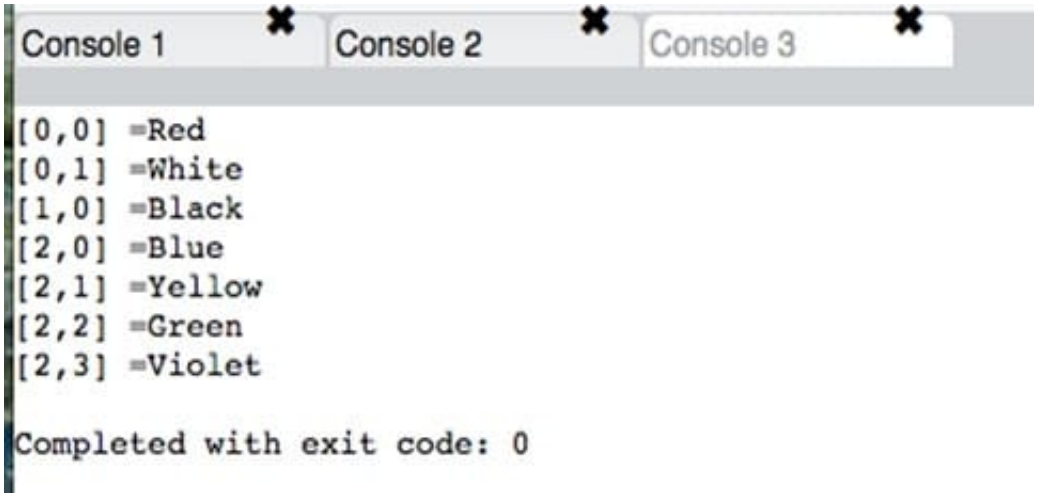
A. [0,0] = Red [0,1] = White [1,0] = Black [1,1] = Blue [2,0] = Yellow [2,1] = Green [3,0] = Violet

B. [0,0] = Red [1,0] = Black [2,0] = Blue

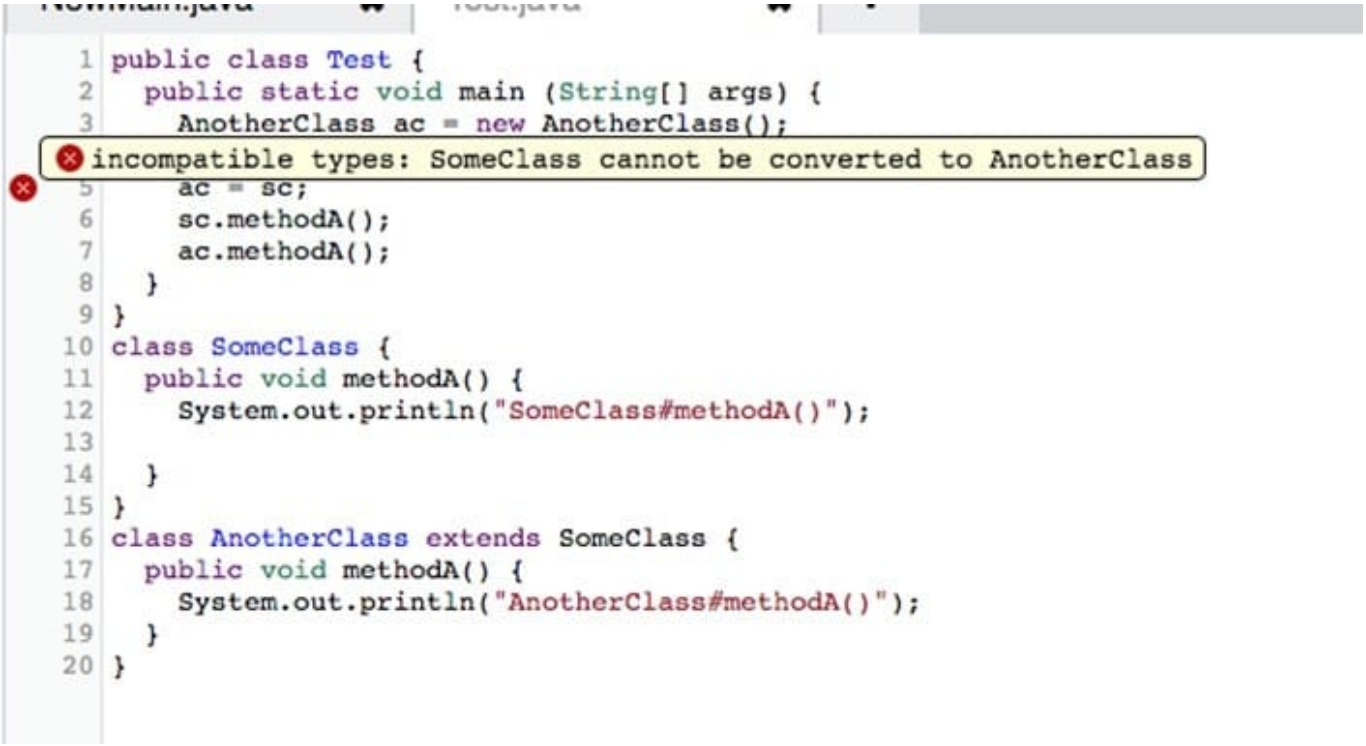
C. java.lang.ArrayIndexOutOfBoundsException thrown

D. [0,0] = Red [0,1] = White [1,0] = Black [2,0] = Blue [2,1] = Yellow [2,2] = Green [2,3] = Violet

Correct Answer: D



QUESTION 5



Which two statements are correct about try blocks? (Choose two.)

A. A try block can have more than one catch block.

B. A finally block in a try-with-resources statement executes before the resources declared are closed.

C. A finally block must be immediately placed after the try or catch blocks.

D. A try block must have a catch block and a finally block.

E. catch blocks must be ordered from generic to specific exception types.

Correct Answer: AE

Reference: https://beginnersbook.com/2013/04/try-catch-in-java/

QUESTION 6

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.

Correct Answer: F

QUESTION 7

Given:

```
public class Person {
   private String name;
   public void setName(String name) {
      String title = "Dr. ";
      name = title+name;
   }
   public String toString() {
      return name;
   }
}
```

and

```
public class Test {
   public static void main(String args[]) {
      Person p = new Person();
      p.setName("Who");
      System.out.println(p);
   }
}
```

What is the result?

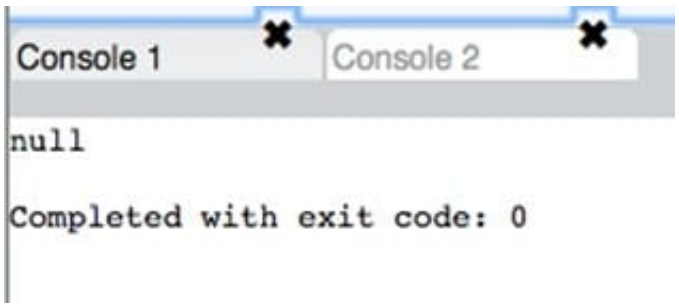
A. Dr. Who

B. Dr. Null

C. An exception is thrown at runtime.

D. null

Correct Answer: D



QUESTION 8

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.

Correct Answer: A

Reference: https://dzone.com/articles/how-to-tune-garbage-collection-in-java

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QUESTION 9

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

Correct Answer: D

```
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

QUESTION 10

Given:

```
public interface EulerInterface {
    double getEulerValue();
}

public class EulerLambda {
    public static void main(String[] args) {
        EulerInterface  myEulerInterface;
        myEulerInterface = () -> "2.71828";
        System.out.println("Value of Euler = " + myEulerInterface.getEulerValue());
    }
}
```

What is the result?

A. It throws a runtime exception.

B. Value of Euler = 2.71828

C. The code does not compile.

D. Value of Euler = "2.71828"

Correct Answer: C

QUESTION 11

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

Correct Answer: A

QUESTION 12

Given:

```
public class Foo {
    public <T> Collection<T> foo(Collection<T> arg) { ... }
}
```

and

```
public class Bar extends Foo { ... }
```

Which two statements are true if the method is added to Bar? (Choose two.)

A. public Collection foo(Collection arg) { ... } overrides Foo.foo.

B. public Collection foo(Stream arg) { ... } overloads Foo.foo.

C. public List foo(Collection arg) { ... } overrides Foo.foo.

D. public Collection foo(Collection arg) { ... } overloads Foo.foo.

E. public Collection bar(Collection arg) { ... } overloads Foo.foo.

F. public Iterable foo(Collection arg) { ... } overrides Foo.foo.

Correct Answer: CF