

Exam Questions 1z0-808

Java SE 8 Programmer I

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NEW QUESTION 1

Which one of the following code examples uses valid Java syntax?

- A.
- ```
public class Boat {

 public static void main (String [] args) {
 System.out.println ("I float.");
 }
}
```
- B.
- ```
public class Cake {  
    public static void main (String [] ) {  
        System.out.println ("Chocolate");  
    }  
}
```
- C.
- ```
public class Dog {
 public void main (String [] args) {
 System.out.println ("Squirrel.");
 }
}
```
- D.
- ```
public class Bank {  
    public static void main (String () args) {  
        System.out.println ("Earn interest.");  
    }  
}
```

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

Answer: A

NEW QUESTION 2

You are asked to create a method that accepts an array of integers and returns the highest value from that array.

Given the code fragment:

```
class Test{  
    public static void main(String[] args) {  
        int numbers[] = {12, 13, 42, 32, 15, 156, 23, 51, 12};  
        int[] keys = findMax(numbers);  
    }  
  
    /* line n1 */ {  
        int[] keys = new int[3];  
        /* code goes here*/  
        return keys;  
    }  
}
```

Which method signature do you use at line n1?

- A. public int findMax (int[] numbers)
B. static int[] findMax (int[] max)
C. static int findMax (int[] numbers)
D. final int findMax (int[])

Answer: C

NEW QUESTION 3

Given this code for a Planet object:

```
public class Planet {  
    public String name;  
    public int moons;  
  
    public Planet(String name, int moons) {  
        this.name = name;  
        this.moons = moons;  
    }  
}
```

And this method:

```
public static void main(String[] args){  
    Planet[] planets = {  
        new Planet("Mercury", 0),  
        new Planet("Venus", 0),  
        new Planet("Earth", 1),  
        new Planet("Mars", 2)  
    };  
  
    System.out.println(planets);  
    System.out.println(planets[2].name);  
    System.out.println(planets[2].moons);  
}
```

What is the output?

A
planets
Earth
1

B
[LPlanets.Planet;@15db9742
Earth
1

C
[LPlanets.Planet;@15db9742
Planets.Planet@6d06d69c
1

D
[LPlanets.Planet;@15db9742
Planets.Planet@6d06d69c
[LPlanets.Moon;@7852e922

E
[LPlanets.Planet;@15db9742
Venus
0

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

Answer: C

NEW QUESTION 4

Given the code fragment:

```
public static void main(String[] args) {  
    Short s1 = 200;  
    Integer s2 = 400;  
    Long s3 = (long) s1 + s2;           //line n1  
    String s4 = (String) (s3 * s2);     //line n2  
    System.out.println("Sum is " + s4);  
}
```

What is the result?

- A. Sum is 600
- B. Compilation fails at line n1.
- C. Compilation fails at line n2.
- D. A ClassCastException is thrown at line n1.
- E. A ClassCastException is thrown at line n2.

Answer: C

NEW QUESTION 5

Given the code fragment:

```
public static void main(String[] args) {  
    int data[] = {2010, 2013, 2014, 2015, 2014};  
    int key = 2014;  
    int count = 0;  
    for (int e: data) {  
        if (e != key) {  
            continue;  
            count++;  
        }  
    }  
    System.out.print(count + " Found");  
}
```

What is the result?

- A. Compilation fails.
- B. 0 Found
- C. 1 Found
- D. 3 Found

Answer: A

NEW QUESTION 6

Given the code from the Greeting.Java file:

```
public class Greeting {  
    public static void main(String[] args) {  
        System.out.println("Hello " + args[0]);  
    }  
}
```

Which set of commands prints Hello Duke in the console?

- A) javac Greeting
java Greeting Duke
- B) javac Greeting.java Duke
java Greeting
- C) javac Greeting.java
java Greeting Duke
- D) javac Greeting.java
java Greeting.class Duke

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

Answer: C

NEW QUESTION 7

Given:

```
public class Fieldinit {  
    char c;  
    boolean b;  
    float f;  
    void printAll() {  
        System.out.println ("c = " + c);  
        System.out.println ("b = " + b);  
        System.out.println ("f = " + f);  
    }  
    public static void main (String [] args) {  
        FieldInit f = new FieldInit ();  
        f.printAll ();  
    }  
}
```

What is the result?

A

```
c=  
b = false  
f = 0.0
```

B

```
c= null  
b = true  
f = 0.0
```

C

```
c=0  
b = false  
f = 0.0f
```

D

```
c= null  
b = false  
f = 0.0F
```

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

Answer: A

NEW QUESTION 8

Given:

```
public class MyClass {  
    public static void main(String[] args) {  
        String s = "Java SE 8 1";  
        int len = s.trim().length();  
        System.out.print(len);  
    }  
}
```

What is the result?

- A. Compilation fails.
- B. 11
- C. 8
- D. 9
- E. 10

Answer: B

NEW QUESTION 9

Given the code fragment:

```
public class Employee {  
    String name;  
    boolean contract;  
    double salary;  
    Employee() {  
        // line n1  
    }  
    public String toString(){  
        return name + ":" + contract + ":" + salary;  
    }  
    public static void main(String[] args) {  
        Employee e = new Employee();  
        // line n2  
        System.out.print(e);  
    }  
}
```

Which two modifications, when made independently, enable the code to print Joe:true: 100.0? (Choose two.)

A) Replace line n2 with:

```
e.name = "Joe";  
e.contract = true;  
e.salary = 100;
```

B) Replace line n2 with:

```
this.name = "Joe";  
this.contract = true;  
this.salary = 100;
```

C) Replace line n1 with:

```
this.name = new String("Joe");  
this.contract = new Boolean(true);  
this.salary = new Double(100);
```

D) Replace line n1 with:

```
name = "Joe";  
contract = TRUE;  
salary = 100.0f;
```

E) Replace line n1 with:

```
this("Joe", true, 100);
```

A. Option A

B. Option B

C. Option C

D. Option D

E. Option E

Answer: AC

NEW QUESTION 10

Given the code fragment:

```
LocalDateTime dt = LocalDateTime.of(2014, 7, 31, 1, 1);  
dt.plusDays(30);  
dt.plusMonths(1);  
System.out.println(dt.format(DateTimeFormatter.ISO_DATE_TIME));
```

What is the result?

A. An exception is thrown at runtime

B. 2014-07-31T01:01:00

C. 2014-07-31

D. 2014-09-30T00:00:00

Answer: B

NEW QUESTION 11

Which statement is true about Java byte code?

A. It can run on any platform.

B. It can run on any platform only if it was compiled for that platform.

C. It can run on any platform that has the Java Runtime Environment.

D. It can run on any platform that has a Java compiler.

E. It can run on any platform only if that platform has both the Java Runtime Environment and a Java compiler.

Answer: D

Explanation:

Java bytecodes help make "write once, run anywhere" possible. You can compile your program into bytecodes on any platform that has a Java compiler. The bytecodes can then be run on any implementation of the Java VM. That means that as long as a computer has a Java VM, the same program written in the Java programming language can run on Windows 2000, a Solaris workstation, or on an iMac.

NEW QUESTION 12

Given:

Base.java:

```
class Base {  
    public void test(){  
        System.out.println("Base ");  
    }  
}
```

DerivedA.java:

```
class DerivedA extends Base {  
    public void test(){  
        System.out.println("DerivedA ");  
    }  
}
```

DerivedB.java:

```
class DerivedB extends DerivedA {  
    public void test(){  
        System.out.println("DerivedB ");  
    }  
    public static void main(String[] args) {  
        Base b1 = new DerivedB();  
        Base b2 = new DerivedA();  
        Base b3 = new DerivedB();  
        Base b4 = b3;  
        b1 = (Base) b2;  
        b1.test();  
        b4.test();  
    }  
}
```

What is the result?

- A. BaseDerivedA
- B. BaseDerivedB
- C. DerivedBDerivedB
- D. DerivedBDerivedA
- E. A ClassCastException is thrown at runtime.

Answer: D

NEW QUESTION 13

Given the code fragment:

```
public static void main(String[] args) {  
    LocalDate date = LocalDate.of(2012, 1, 30);  
    date.plusDays(10);  
    System.out.println(date);  
}
```

What is the result?

- A. 2012-02-10
- B. 2012-01-30
- C. 2012-02-10 00:00
- D. A DateTimeException is thrown at runtime.

Answer: C

NEW QUESTION 14

Given the code fragment:

```
public static void main(String[] args) {
    StringBuilder sb = new StringBuilder("Java");
    String s = "Java";

    if (sb.toString().equals(s.toString())) {
        System.out.println("Match 1");
    } else if (sb.equals(s)) {
        System.out.println("Match 2");
    } else {
        System.out.println("No Match");
    }
}
```

What is the result?

- A. Match 1
- B. Match 2
- C. No Match
- D. A NullPointerException is thrown at runtime.

Answer: A

NEW QUESTION 15

Given:

```
class Caller {
    private void init () {
        System.out.println("Initialized");
    }

    private void start () {
        init();
        System.out.println("Started");
    }
}

public class TestCall {
    public static void main(String[] args) {
        Caller c = new Caller();
        c.start();
        c.init();
    }
}
```

What is the result?

- A. An exception is thrown at runtime.
- B. InitializedStartedInitialized
- C. InitializedStarted
- D. Compilation fails.

Answer: D

NEW QUESTION 16

Which three statements describe the object-oriented features of the Java language? (Choose three.)

- A. Objects cannot be reused.
- B. A subclass must override the methods from a superclass.
- C. Objects can share behaviors with other objects.
- D. A package must contain a main class.
- E. Object is the root class of all other objects.
- F. A main method must be declared in every class.

Answer: BCF

NEW QUESTION 17

Which statement will empty the contents of a StringBuilder variable named sb?

- A. s
- B. deleteAll();
- C. s
- D. delete(0, s
- E. size();
- F. s
- G. delete(0, s

H. length () ;
I. s
J. removeAll () ;

Answer: C

NEW QUESTION 18

Given the code fragment:

```
public static void main(String[] args) {  
    int[][] arr = new int [2] [4];  
    arr[0] = new int []{1, 3, 5, 7};  
    arr[1] = new int []{1, 3};  
    for (int[] a : arr) {  
        for (int i : a) {  
            System.out.print(i+ " ");  
        }  
        System.out.println();  
    }  
}
```

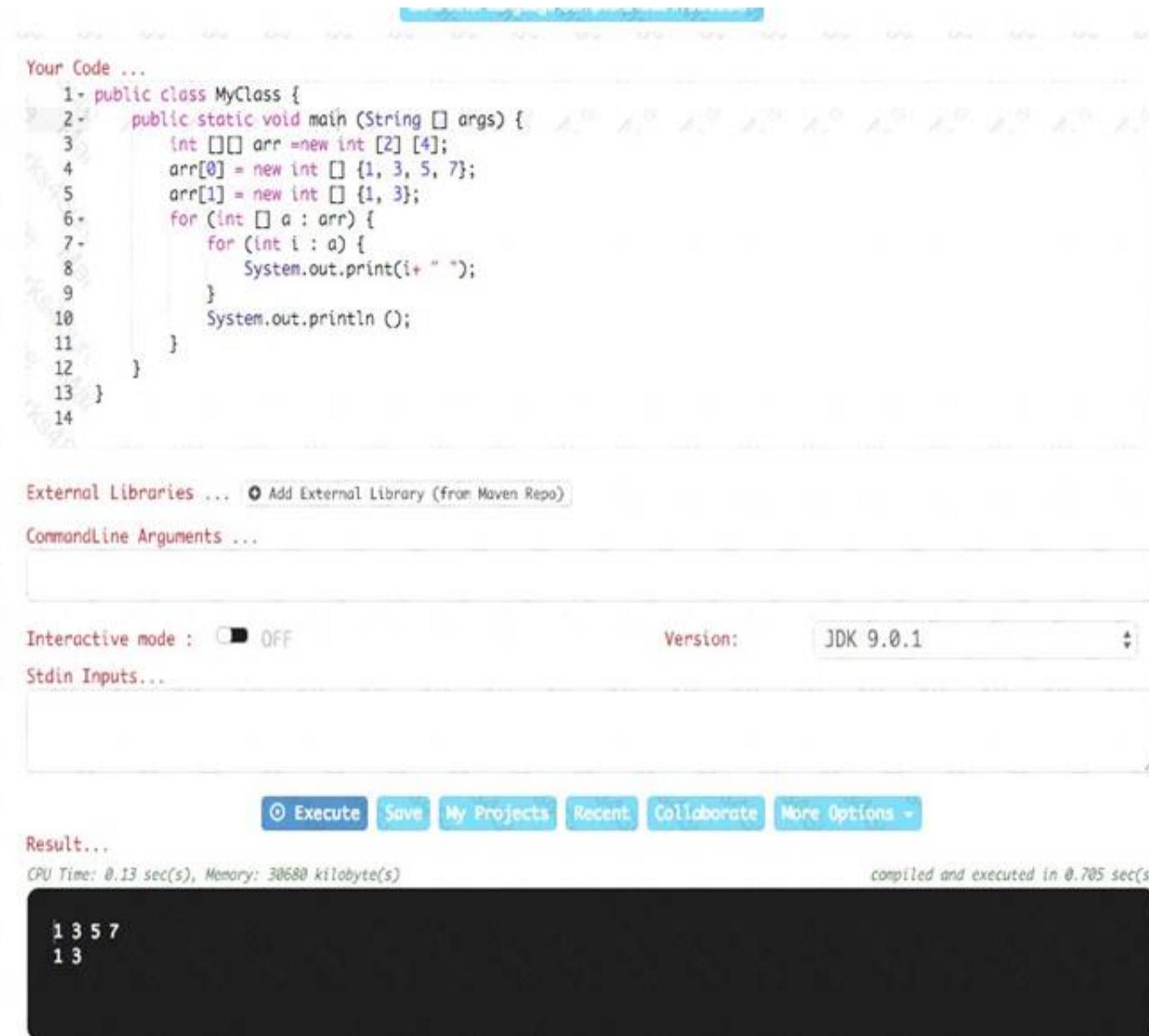
What is the result?

- A Compilation fails.
- B
1 3
1 3
- C
1 3
followed by an ArrayIndexOutOfBoundsException
- D
1 3
1 3 0 0
- E
1 3 5 7
1 3

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

Answer: E

Explanation:



Your Code ...

```
1- public class MyClass {  
2-     public static void main (String [] args) {  
3-         int [][] arr =new int [2] [4];  
4-         arr[0] = new int [] {1, 3, 5, 7};  
5-         arr[1] = new int [] {1, 3};  
6-         for (int [] a : arr) {  
7-             for (int i : a) {  
8-                 System.out.print(i+ " ");  
9-             }  
10-            System.out.println ();  
11-        }  
12-    }  
13- }  
14-
```

External Libraries ...

CommandLine Arguments ...

Interactive mode : OFF Version: JDK 9.0.1

Stdin Inputs...

Result...
CPU Time: 0.13 sec(s), Memory: 30680 kilobyte(s) compiled and executed in 0.705 sec(s)

```
1 3 5 7  
1 3
```

NEW QUESTION 19

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