

BC-BS-23-JAVA-TQ2



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Quiz Section

Total Questions 15. Select One right answer for each question.



Find the output of following code:

```
class overload {  
    int x;  
    int y;  
    void add (int a) {  
        x = a + 1;  
    }  
    void add(int a, int b) {  
        x = a + 2;  
    }  
}  
class Overload_methods {  
    public static void main(String args[]) {  
        overload obj = new overload();  
        int a = 0;  
        obj.add(6);  
        System.out.println(obj.x);  
    }  
}
```

- ☐ 8
- ☐ 5
- ☒ 7
- ☐ 6



Find the output of following code:

```
public class MyFirst {  
    public static void main(String[] args) {  
        MyFirst obj = new MyFirst(n);  
    }  
    static int a = 10;  
    static int n;  
    int b = 5;  
    int c;  
    public MyFirst(int m) {  
        System.out.println(a + ", " + b + ", " + c + ", " + n + ", " + m);  
    }  
    // Instance Block  
    {  
        b = 30;  
        n = 20;  
    }  
    // Static Block  
    static {  
        a = 60;  
    }  
}
```

- ☒ 60, 30, 0, 20, 0
- ☐ 10, 5, 0, 20, 0
- ☐ 10, 30, 20
- ☐ 60, 5, 0, 20



Identify the output of the following program:

```
String str = "abcde";
```

```
System.out.println(str.substring(1, 3));
```

☐ abc

☐ bcd

☒ bc

☐ cd



What will be the output of the following Java program ?

```
class overload {  
    int x;  
    double y;  
    void add(int a , int b) {  
        x = a + b;  
    }  
    void add(double c , double d) {  
        y = c + d;  
    }  
    overload() {  
        this.x=0;  
        this.y=0;  
    }  
}  
class Overload_methods {  
    public static void main(String args[]) {  
        overload obj=new overload();  
        int a =2;  
        double b =3.2;  
        obj.add(a, a);  
        obj.add(b, b);  
        System.out.println(obj.x+" "+obj.y);  
    }  
}
```

☐ 6.4 6.4

☐ 6.4 6

☐ 6 6

☒ 4 6.4



Find the output of following code:

```
class test {  
    int a;  
    int b;  
    test (int i, int j) {  
        a = i;  
        b = j;  
    }  
    void meth (test o) {  
        o.a *= 2;  
        o.b /= 2;  
    }  
}  
class Output {  
    public static void main(String args[]) {  
        test obj = new test (10, 20);  
        obj.meth (obj);  
        System.out.println(obj.a + " " + obj.b);  
    }  
}
```

- ☒ 20 10
- ☐ 40 20
- ☐ 20 40
- ☐ 10 20



Find the output of following code:

```
try {  
    int num = 10 / 0;  
}  
catch (ArithmeticException e) {  
    System.out.println("Arithmetic Exception!");  
}  
catch (Exception e) {  
    System.out.println("Exception!");  
}
```

- ☐ Exception!
- ☒ Arithmetic Exception!
- ☐ Compilation error
- ☐ No output



Find the output of following code ?

```
public class Test {  
    static public void main(String args[]) { //Line 2  
        int i, j;  
        for (i=0; i<3; i++) {  
            for(j=1; j<4; j++) {  
                i %= j;  
                System.out.print(j);  
            }  
        }  
    }  
}
```

- ☐ 1231
- ☒ Repeated print 123 and go to infinite loop
- ☐ 1221
- ☐ Compilation fail because of line 2



What is the value of y after the execution of following program ?

```
public class Test {  
    public static void main(String[] args) {  
        int x = 3, y = 3;  
        switch (x + y) {  
            case 6: y = 0;  
            case 7: y = 1;  
            default: y += 1;  
        }  
    }  
}
```

- ☒ 2
- ☐ 0
- ☐ 3
- ☐ 1



What will be the output of the following Java code?

```
class exception_handling {  
    public static void main(String args[]) {  
        try {  
            int a = args.length;  
            int b = a / args[0];  
            System.out.print(b);  
        }  
        catch (ArithmeticException e) {  
            System.out.println("1");  
        }  
    }  
}
```

Note: Execution in command line : \$ java exception_handling 0

- ☐ Runtime Error
- ☐ 1
- ☐ 0
- ☒ Compilation error



What will be the output of the following Java code?

```
class exception_handling {  
    public static void main(String args[]) {  
        try {  
            throw new NullPointerException ("Hello");  
            System.out.print("A");  
        }  
        catch(ArithmeticException e) {  
            System.out.print("B");  
        }  
    }  
}
```

- ☐ A
- ☐ B
- ☒ Runtime Error
- ☐ Compilation Error



What is the output of this program?

```
class Main {  
    public static void main(String args[]) {  
        try {  
            int i, sum;  
            sum = 10;  
            for (i = -1; i < 3; ++i) {  
                sum = (sum / i);  
                System.out.print(i);  
            }  
        } catch (ArithmeticException e) {  
            System.out.print("0");  
        }  
    }  
}
```

- ☐ -101
- ☐ -1
- ☒ -10
- ☐ 0



What will be the output of the following Java program ?

```
class output {  
    public static void main(String args[]) {  
        StringBuffer c = new StringBuffer("Hello");  
        System.out.println(c.length());  
    }  
}
```

- ☐ 4
- ☐ 7
- ☐ 6
- ☒ 5



Find the output of following code:

```
try {  
    String str = null;  
    System.out.println(str.length());  
}  
catch (NullPointerException e) {  
    System.out.println("NullPointerException!");  
}  
catch (Exception e) {  
    System.out.println("Exception!");  
}
```

☒ NullPointerException!

☐ Runtime error

☐ Compile error

☐ Exception



Find the output of the code:

```
public class Test {  
    public static void main(String args[]) {  
        int i;  
        for (i= 1; i < 6; i++) {  
            if (i > 3) continue;  
            System.out.println(i);  
        }  
    }  
}
```

- ☒ 6
- ☐ 5
- ☐ 3
- ☐ 4



Find the output of following code:

```
class A {  
    public A() {  
        System.out.println("A");  
    }  
    public A(int i) {  
        this();  
        System.out.println(i);  
    }  
}  
class B extends A {  
    public B() {  
        System.out.println("B");  
    }  
    public B (int i) {  
        this();  
        System.out.println(i+3);  
    }  
}  
public class Test {  
    public static void main (String[] args) {  
        new B (5);  
    }  
}
```

- ☐ B8A5
- ☐ AB5
- ☐ A5B8
- ☒ AB8

