

### Pregunta 1

Given the following:

```
public class Test {  
  
    public static void main(String[] args) {  
        int x=100;  
        int a=x++;  
        int b=++x;  
        int c=x++;  
        int d=(a>b)?(a<c)?a:(b<c)?b:c:b;  
        System.out.println(d);  
    }  
  
}
```

**What is the result?**

- A. 100
- B. 102**
- C. 101
- D. 103
- E. Compilation will fail.

## Pregunta 2

```
1. class Test{
2.     public static void main(String args[]){
3.         final int j;
4.         j=2;
5.         int x= 0;
6.
7.         switch(x){
8.             case 0: {System.out.print("A");}
9.             case 1: System.out.print("B"); break;
10.            case j: System.out.print("C");
11.        }
12.    }
13. }
```

What is true?

- A. The output could be A
- B. The output could be AB
- C. The output could be ABC
- ☒ D. Compilation fails.
- E. There could be no output

### Pregunta 3

Given the code fragment

```
public class Test{  
  
    public static void main(String[] args){  
  
        //line 1  
  
        switch(x){  
  
            case 1:  
  
                System.out.println("One");  
  
                break;  
  
            case 2:  
  
                System.out.println("Two");  
  
                break;  
  
        }  
  
    }  
  
}
```

Which three code fragments can be independently inserted at line 1 to enable the code to print one?

- ☒ A. byte x = 1;
- ☒ B. short x = 1;
- ☐ C. String x = "1";
- ☐ D. long x = 1;
- ☐ E. double x = 1;
- ☒ F. Integer x = new Integer ("1");

#### Pregunta 4

Given the following:

```
public void switchTest(byte x){  
    switch(x){  
        case 'b': // 1  
        default : // 2  
        case -2: // 3  
        case 80: // 4  
    }  
}
```

Select the correct:

- A. Compilation error in line 1
- B. Compilation error in line 2
- C. Compilation error in line 3
- D. Compilation error in line 4
- E. The code compile without errors**

### Pregunta 5

What will the following program print when run without any command line argument?

```
public class TestClass {  
    public static void main(String[] args) {  
        var res = (args == null ? false : true);  
        if(res){ //1  
            System.out.print ("with params");  
        }  
        System.out.println("no params");  
    }  
}
```

- A. with params
- ☒ B. no params
- ☐ C. with paramsno params
- D. Compilation error in line 1
- E. It throws a runtime exception

