

### Pregunta 1

Which of the following are valid code snippets appearing in a method: (choose 3)

- A. `var a = b = c = 100;`
- B. `var a = 100, b = 10; var a = b;`
- C. `int a, b, c=100;`
- D. `int a=100, b, c;`
- E. `int a = 100 = b = c;`
- F. `int a = b = c = 100;`
- G. `int a, b, c; a = b = c = 100;`

## Pregunta 2

What will be the result of attempting to compile and run the following code?

```
public class PromotionTest{  
  
    public static void main(String args[]){  
  
        int i = 5;  
  
        var f = 5.5f;  
  
        double d = 3.8;  
  
        var c = 'a';  
  
        if (i == f) c++;  
  
        if (((int) (f + d)) == ((int) f + (int) d)) c += 2;  
  
        System.out.println(c);  
  
    }  
  
}
```

- A. The code will fail to compile.
- B. It will print d.
- C. It will print c.
- D. It will print b
- E. It will print a.

### Pregunta 3

Consider the following code appearing in a file named TestClass.java:

```
class Test{ } // 1

public class TestClass {

    var v1; // 2

    public int main(String[] args) { // 3

        var v2; //4

        double x=10, double y; // 5

        System.out.println[]; // 6

        for(var k=0; k<x; k++){ } //7

        return 0;

    }

}
```

Which of the lines are valid? (choose 3)

- A. //1
- B. //2
- C. //3
- D. //4
- E. //5
- F. //6
- G. //7

