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?

```java
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:

```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