

Ejercicio JUnit en NetBeans

```
1 public class Calculadora {
2     private int num1, num2, num3;
3
4     public Calculadora(int a, int b, int c)
5     {
6         num1 = a;
7         num2 = b;
8         num3 = c;
9     }
10    public int Multiplicacion()
11    {
12        int resultado = num1*num2*num3;
13        return resultado;
14    }
15    public int Suma ()
16    {
17        int resultado = num1+num2+num3;
18        return resultado;
19    }
20    public float Media()
21    {
22        float resultado = Multiplicacion()/3;
23        return resultado;
24    }
25    public int MayorDTres()
26    {
27        if (num1>num2)
28        {
29            if (num1>num3)
30                return num1;
31        }
32        else if (num2>num3)
33            return num2;
34        else
35            return num3;
36        return 0;
37    }
38 }
```

```
1 import org.junit.Test;
2 import static org.junit.Assert.*;
3
4 public class CalculadoraTest
5 {
6     Calculadora instance = new Calculadora(1,2,3);
7
8     public CalculadoraTest()
9     {
10    }
11
12    @Test
13    public void testMultiplicacion()
14    {
15        System.out.println("Multiplicacion");
16        int expectedResult = 6;
17        int result = instance.Multiplicacion();
18        assertEquals(expectedResult, result);
19    }
20
21    @Test
22    public void testSuma() {
23        System.out.println("Suma");
24        int expectedResult = 6;
25        int result = instance.Suma();
26        assertEquals(expectedResult, result);
27    }
28
29    @Test
30    public void testMedia() {
31        System.out.println("Media");
32        float expectedResult = 2.0F;
33        float result = instance.Media();
34        assertEquals(expectedResult, result, 0.0);
35    }
36
37    @Test
38    public void testMayorDTres() {
39        System.out.println("MayorDTres");
40        int expectedResult = 3;
41        int result = instance.MayorDTres();
42        assertEquals(expectedResult, result);
43    }
44 }
```

Test Results

CalculadoraTest x

Tests passed: 100.00 %

All 4 tests passed. (0.184 s)

Media
Suma
MayorDTres
Multiplicacion