

## PABLO GINER BARRIOS – JUNIT CON NETBEANS

```
10 public class Suma {
11
12     public double getSuma (double a, double b) {
13         return a + b;
14     }
15
16     public double incrementa (double a) {
17         return a + 1;
18     }
19 }
20
```

```
10 public class Resta {
11
12     public double getDiferencia(double a, double b){
13         return a-b;
14     }
15
16     public double decrementa(double a){
17         return a-1;
18     }
19 }
20
```

```
2 import static junit.framework.Assert.assertEquals;
3 import org.junit.Test;
4
5 public class SumaTest {
6
7     @Test
8     public void testGetSuma() {
9         System.out.println("getSuma");
10         double a = 1.0;
11         double b = 1.0;
12         Suma instance = new Suma();
13         double expectedResult = 2.0;
14         double result = instance.getSuma(a, b);
15         assertEquals(expected: expectedResult, actual: result);
16     }
17
18     @Test
19     public void testIncrementa() {
20         System.out.println("incrementa");
21         double a = 1.0;
22         Suma instance = new Suma();
23         double expectedResult = 2.0;
24         double result = instance.incrementa(a);
25         assertEquals(expected: expectedResult, actual: result);
26     }
27
28 }
29
```

```
1 import static junit.framework.Assert.assertEquals;
2 import org.junit.Test;
3
4 public class RestaTest {
5
6     @Test
7     public void testGetDiferencia() {
8         System.out.println("getDiferencia");
9         double a = 2.0;
10        double b = 1.0;
11        Resta instance = new Resta();
12        double expectedResult = 1.0;
13        double result = instance.getDiferencia(a, b);
14        assertEquals(expected: expectedResult, actual: result, delta: 0);
15    }
16
17    @Test
18    public void testDecrementa() {
19        System.out.println("decrementa");
20        double a = 2.0;
21        Resta instance = new Resta();
22        double expectedResult = 1.0;
23        double result = instance.decrementa(a);
24        assertEquals(expected: expectedResult, actual: result, delta: 0);
25    }
26
27 }
28
```

Test Results × Output - JUnit01 (test)

SumaTest × RestaTest.testGetDiferencia × RestaTest.initializationError × RestaTest ×

Tests passed: 100,00 %

Both tests passed. (0.118 s)

getSuma  
incrementa

RestaTest × testDecrementa × expectedResult ×

Test Results × Output - JUnit01 (test)

SumaTest × RestaTest.testGetDiferencia × RestaTest.initializationError × RestaTest ×

Tests passed: 100,00 %

Both tests passed. (0.144 s)

getDiferencia  
decrementa