```
package calculadora;

import org.junit.After;
import org.junit.AfterClass;
import org.junit.Before;
import org.junit.BeforeClass;
import org.junit.Test;
import static org.junit.Assert.*;

/**
 *
 * @author Samuel
 */
public class CalculadoraFactorialTest {

    public CalculadoraFactorialTest() {
    }

    @BeforeClass
    public static void setUpClass() {
    }

    @AfterClass
    public static void tearDownClass() {
    }

    @Before
    public void setUp() {
    }

    @After
    public void tearDown() {
    }

    /**
     * Test of suma method, of class Calculadora.
     */
    @Test
    public void testSuma() {
        System.out.println("suma");
        Calculadora instance = new Calculadora(10, 5);
        int expResult = 15;
        int result = instance.suma();
        assertEquals(expResult, result);
        // TODO review the generated test code and remove the default call to fail.
        //fail("The test case is a prototype.");
    }

    /**
     * Test of resta method, of class Calculadora.
     */
    @Test
```

```
public void testResta() {
    System.out.println("resta");
    Calculadora instance = new Calculadora(20, 4);
    int expResult = 16;
    int result = instance.resta();
    assertEquals(expResult, result);
    // TODO review the generated test code and remove the default call to fail.
    //fail("The test case is a prototype.");
}

/**
 * Test of multiplica method, of class Calculadora.
 */
@Test
public void testMultiplica() {
    System.out.println("multiplica");
    Calculadora instance = new Calculadora(5, 4);
    int expResult = 20;
    int result = instance.multiplica();
    assertEquals(expResult, result);
    // TODO review the generated test code and remove the default call to fail.
    //fail("The test case is a prototype.");
}

/**
 * Test of divide method, of class Calculadora.
 */
@Test
public void testDivide() {
    System.out.println("divide");
    Calculadora instance = new Calculadora(100, 2);
    int expResult = 50;
    int result = instance.divide();
    assertEquals(expResult, result);
    // TODO review the generated test code and remove the default call to fail.
    //fail("The test case is a prototype.");
}

/**
 * Test of resta2 method, of class Calculadora.
 */
@Test
public void testResta2() {
    System.out.println("resta2");
    Calculadora instance = new Calculadora(30,10);
    boolean expResult = true;
    boolean result = instance.resta2();
    assertEquals(expResult, result);
    // TODO review the generated test code and remove the default call to fail.
    //fail("The test case is a prototype.");
}
```

```
    /**
     * Test of divide2 method, of class Calculadora.
     */
    @Test
    public void testDivide2() {
        System.out.println("divide2");
        Calculadora instance = new Calculadora(200, 100);
        Integer expResult = 2;
        Integer result = instance.divide2();
        assertEquals(expResult, result);
        // TODO review the generated test code and remove the default call to fail.
        //fail("The test case is a prototype.");
    }

    /**
     * Test of calculo method, of class Calculadora.
     */
    @Test
    public void testCalculo() {
        System.out.println("calculo");
        int n = 0;
        int expResult = 0;
        int result = Calculadora.calculo(n);

        // TODO review the generated test code and remove the default call to fail.
        try {
Calculadora.calculo(n);
}
catch(Exception e) {
 assertEquals(expResult, result);
}

    }
}
```