PRACTICA 3 Link del repositorio: https://github.com/MaelGM/Pruebas_JUnit.git

```
public boolean compruebaIBAN(String anaves){
   if (anaves.substring(0,2).equalsIgnoreCase( anotherString: "ES")) pais = true;
       BigInteger numeros = new BigInteger( vak anaves.substring(4)+"142800");
       BigInteger num = new BigInteger( val: "97");
       BigInteger resto = numeros.mod(num);
       if (98-resto.intValue() == Integer.parseInt(anaves.substring(2,4))) digitos = true;
   }catch (NumberFormatException | ArithmeticException e){
       e.printStackTrace();
   return pais && digitos;
public String generaIBAN(String entitat, String oficina, String dc, String compte){
   BigInteger numeros;
   String nums = entitat+oficina+dc+compte;
   if (entitat.length() != 4 || oficina.length() != 4 || dc.length() != 2 || compte.length() != 10) return null
       numeros = new BigInteger( val: entitat+oficina+dc+compte+"142800");
   }catch (NumberFormatException | ArithmeticException e){
   BigInteger resto = numeros.mod(new BigInteger(|val: "97"));
   String codigo = String.valueOf(98-resto.intValue());
   return "ES"+codigo+nums;
```

```
import static org.junit.jupiter.api.Assertions.assertEquals;
public class CompteTest {
   @Test
   void compruebaIBAN_1(){
        Compte c = new Compte();
        assertEquals( expected: true, c.compruebaIBAN( anaves: "ES6621000418401234567891"));
   @Test
    void compruebaIBAN_2(){
        Compte c = new Compte();
        assertEquals( expected: true, c.compruebaIBAN( anaves: "ES6000491500051234567892"));
   @Test
    void compruebaIBAN_3(){
        Compte c = new Compte();
        assertEquals( expected: true, c.compruebaIBAN( anaves: "ES9420805801101234567891"));
   @Test
    void compruebaIBAN_4(){
        Compte c = new Compte();
        assertEquals( expected: false, c.compruebaIBAN( anaves: "ES7600246912501234567891"));
```

```
@Test
void generaIBAN_4(){
    Compte c = new Compte();
    assertEquals (expected: null, c.generaIBAN (entitat: "2085", oficina: "2066", dc: "62", compte: "3456AE9011"));
@Test
void generaIBAN_5(){
    Compte c = new Compte();
    assertEquals( expected: null, c.generaIBAN( entitat: "208", oficina: "2066", dc: "62", compte: "3456789011"));
@Test
void generaIBAN_6(){
    Compte c = new Compte();
    assertEquals (expected: null, c.generaIBAN (entitat: "2080", oficina: "20A6", dc: "62", compte: "3456789011") );
@Test
void generaIBAN_7(){
    Compte c = new Compte();
    assertEquals (expected: null, c.generaIBAN (entitat: "2080", oficina: "2086", dc: "6", compte: "3456789011"));
@Test
void generaIBAN_8(){
    Compte c = new Compte();
    assertEquals( expected: null, c.generaIBAN( entitat: "2080", oficina: "2086", dc: "63", compte: "345678911"));
```