UNIVERSIDAD DE LAS FUERZAS ARMADAS ESPE

CLASS NAME: OBJECT ORIENTED PROGRAMMING

TEACHER: EDISON LASCANO

NRC:14575

HOME WORK #: 18

TOPIC: Unit Test to Taxes Lib

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1.


```java
        @Test
        public void testCalculateIVA4() {
            System.out.println("calculateIVA");
            float cost = 80F;
            TaxIT instance = new TaxIT();
            float expResult = 9.6F;
            float result = instance.calculateIVA(cost);
            assertEquals(expected: expResult, actual: result, delta: 0.0);
        }

        @Test
        public void testCalculateIVA5() {
            System.out.println("calculateIVA");
            float cost = 115.25F;
            TaxIT instance = new TaxIT();
            float expResult = 13.83F;
            float result = instance.calculateIVA(cost);
            assertEquals(expected: expResult, actual: result, delta: 0.0);
        }

        @Test
        public void testCalculateIVA6() {
            System.out.println("calculateIVA");
            float cost = 63.666F;
            TaxIT instance = new TaxIT();
            float expResult = 7.63992F;
            float result = instance.calculateIVA(cost);
            assertEquals(expected: expResult, actual: result, delta: 0.0);
        }
```

```java
public void testComputePvP() {
    System.out.println("computaPvP");
    float amount = 10.0F;
    float expResult = 11.2F;
    float result = Tax.computePvP(amount);
    assertEquals(expected: expResult, actual: result, delta: 0.1);
}
```

Tex
  Source Packages
    com.mycompany.tax
    ec.edu.espe.tax.utils
      Tax.java
  Test Packages
    ec.edu.espe.tax.utils
      TaxTest.java

Test Results

Tests passed: 100.00 %
Both tests passed. (0,103 s)
  ec.edu.espe.tax.utils.Tax.test passed
    testComputeIva passed (0,093 s)
    testComputePvP passed (0,007 s)

computeIva

computePvP