

Universidad de las Fuerzas Armadas ESPE

Matriz - Sangolquí

Object Oriented Programming



HOMEWORKS

NRC:

14575

Estudiante:

Stefany Maricela Díaz Antun

Professor:

Edison Lascano

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Taxes.java x TaxIT.java x TaxAppMain.java x TaxITTest.java x

Source History

```

19  @Test
20  public void testCalculateIVA() {
21      System.out.println("calculateIVA");
22      float cost = 10.0F;
23      TaxIT instance = new TaxIT();
24      float expectedResult = 1.2F;
25      float result = instance.calculateIVA(cost);
26      assertEquals(expected: expectedResult, actual: result, delta: 0.0);
27  }
28
29  @Test
30  public void testCalculateIVA1() {
31      System.out.println("calculateIVA");
32      float cost = 0.0F;
33      TaxIT instance = new TaxIT();
34      float expectedResult = 0.0F;
35      float result = instance.calculateIVA(cost);
36      assertEquals(expected: expectedResult, actual: result, delta: 0.0);
37  }
38
39  @Test
40  public void testCalculateIVA2() {
41      System.out.println("calculateIVA");
42      float cost = -1.0F;
43      TaxIT instance = new TaxIT();
44      float expectedResult = 0.0F;
45      float result = instance.calculateIVA(cost);
46      assertEquals(expected: expectedResult, actual: result, delta: 0.0);
47  }

```

Taxes.java x TaxIT.java x TaxAppMain.java x TaxITTest.java x

Source History

```

50  @Test
51  public void testCalculateIVA4() {
52      System.out.println("calculateIVA");
53      float cost = 80F;
54      TaxIT instance = new TaxIT();
55      float expectedResult = 9.6F;
56      float result = instance.calculateIVA(cost);
57      assertEquals(expected: expectedResult, actual: result, delta: 0.0);
58  }
59
60  @Test
61  public void testCalculateIVA5() {
62      System.out.println("calculateIVA");
63      float cost = 115.25F;
64      TaxIT instance = new TaxIT();
65      float expectedResult = 13.83F;
66      float result = instance.calculateIVA(cost);
67      assertEquals(expected: expectedResult, actual: result, delta: 0.0);
68  }
69
70  @Test
71  public void testCalculateIVA6() {
72      System.out.println("calculateIVA");
73      float cost = 63.666F;
74      TaxIT instance = new TaxIT();
75      float expectedResult = 7.63992F;
76      float result = instance.calculateIVA(cost);
77      assertEquals(expected: expectedResult, actual: result, delta: 0.0);
78  }
79
80  @Test
81  public void testCalculateIVA7() {
82      System.out.println("calculateIVA");
83      float cost = 10.0F;
84      TaxIT instance = new TaxIT();
85      float expectedResult = 1.2F;
86      float result = instance.calculateIVA(cost);
87      assertEquals(expected: expectedResult, actual: result, delta: 0.0);
88  }

```

Test Results x

ec.edu.espe.TaxITjan:1.0-SNAPSHOT (Unit) x

Tests passed: 85,71 %

6 tests passed, 1 test failed. (0,107 s)

ec.edu.espe.taxit.model.TaxITTest Failed

testCalculateIVA2 Failed: expected: <0.0> but was: <-0.11999999>

calculateIVA

The cost is: 0.0 and the IVA is: 0.0

The total cost is: 0.0

calculateIVA

The cost is: -1.0 and the IVA is: -0.12

The total cost is: -1.12

Test Results x

ec.edu.espe.TaxITjan:1.0-SNAPSHOT (Unit) x

Tests passed: 85,71 %

6 tests passed, 1 test failed. (0,107 s)

ec.edu.espe.taxit.model.TaxITTest Failed

testCalculateIVA2 Failed: expected: <0.0> but was: <-0.11999999>

calculateIVA

The cost is: 0.0 and the IVA is: 0.0

The total cost is: 0.0

calculateIVA

The cost is: -1.0 and the IVA is: -0.12

The total cost is: -1.12

calculateIVA

The cost is: 50.0 and the IVA is: 6.0

The total cost is: 56.0

calculateIVA

The cost is: 80.0 and the IVA is: 9.6

The total cost is: 89.6

calculateIVA

The cost is: 115.25 and the IVA is: 13.83

The total cost is: 129.08

calculateIVA

The cost is: 63.666 and the IVA is: 7.63992

The total cost is: 71.30592

calculateIVA

The cost is: 10.0 and the IVA is: 1.2

The total cost is: 11.2