

Unit Test

The screenshot shows an IDE with a project structure on the left, a code editor in the center, and a test results panel at the bottom. The project structure includes packages like `ec.edu.espe.inventoryhadwarestore` and `Test Packages`. The code editor displays a Java class `ConstructionMaterial` with a `toString` method. A unit test `testToString` is shown, which calls `toString` on a `ConstructionMaterial` instance and compares the result with the expected string "Cement". The test results panel at the bottom indicates that the test failed, with the message "No test passed, 1 test failed. (0.063 s)".

```
63 assertEquals(expResult, result, 0.0);
64 if(result !=expResult){
65     fail("The test case is a prototype.");
66 }
67 }
68
69 /**
70  * Test of toString method, of class ConstructionMaterial.
71  */
72 @Test
73 public void testToString() {
74     System.out.println("toString");
75     ConstructionMaterial instance = null;
76     String expResult = "Sand";
77     String result = "Cement";
78     assertEquals(expResult, result);
79     if(result !=expResult){
80         fail("The test case is a prototype.");
81     }
82 }
83
84 /**
85  * Test of getWeight method, of class ConstructionMaterial.
86  */
87
```

Test Results
ec.edu.espe.inventoryhadwarestore.model.ConstructionMaterialTest.testToString X
Tests passed: 0.00 %
No test passed, 1 test failed. (0.063 s)
ec.edu.espe.inventoryhadwarestore.model.ConstructionMaterialTest.testToString failed

The screenshot shows the same IDE as the first image, but now the unit test `testToString` has passed. The code editor shows the same `ConstructionMaterial` class and test. The test results panel at the bottom indicates that the test passed, with the message "The test passed. (0.057 s)".

```
62 float result = 0.0F;
63 assertEquals(expResult, result, 0.0);
64 if(result !=expResult){
65     fail("The test case is a prototype.");
66 }
67 }
68
69 /**
70  * Test of toString method, of class ConstructionMaterial.
71  */
72 @Test
73 public void testToString() {
74     System.out.println("toString");
75     ConstructionMaterial instance = null;
76     String expResult = "Cement";
77     String result = "Cement";
78     assertEquals(expResult, result);
79     if(result !=expResult){
80         fail("The test case is a prototype.");
81     }
82 }
83
84 /**
85  * Test of getWeight method, of class ConstructionMaterial.
86  */
87
```

Test Results
ec.edu.espe.inventoryhadwarestore.model.ConstructionMaterialTest.testToString X
Tests passed: 100.00 %
The test passed. (0.057 s)
ec.edu.espe.inventoryhadwarestore.model.ConstructionMaterialTest.testToString passed (0.001 s)

3248ChickenFarm

- Abstract
- AntSimulator
- BeverageTest
- ClientApp
- Countries
- CustomException
- HW2Exception
- InventoryHardwareStore
- InventoryHardwareStore
- Source Packages
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 - ec.edu.espe.inventoryhardwarestore.controller
 - ec.edu.espe.inventoryhardwarestore.imagen
 - ec.edu.espe.inventoryhardwarestore.model
 - ec.edu.espe.inventoryhardwarestore.utils
 - ec.edu.espe.inventoryhardwarestore.view
- Test Packages
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 - AdminTest.java
 - ConstructionMaterialTest.java
 - ElectricToolTest.java
 - InventoryTest.java
 - ProductTest.java
 - SalesRegistryTest.java
 - ToolTest.java
 - ec.edu.espe.inventoryhardwarestore.utils
 - MongoManagerTest.java

Source

```
79 assertEquals(expResult, result);
80 if(result !=expResult){
81     fail("The test case is a prototype.");
82 }
83
84
85
86 /**
87  * Test of getWeight method, of class ConstructionMaterial.
88  */
89 @Test
90 public void testGetWeight() {
91     System.out.println("getWeight");
92     ConstructionMaterial instance = null;
93     float expResult = 5F;
94     float result = 2F;
95     assertEquals(expResult, result, 2.0);
96     if(result !=expResult){
97         fail("The test case is a prototype.");
98     }
99 }
100
101 /**
102  * Test of setWeight method, of class ConstructionMaterial.
103  */
104 @Test
```

Test Results

ec.edu.espe.inventoryhardwarestore.model.ConstructionMaterialTest.testGetWeight X ec.edu.espe.inventoryhardwarestore.model.ConstructionMaterialTest.testGetWeight X

getWeight

No test passed. 1 test failed. (0.002 s)

ec.edu.espe.inventoryhardwarestore.model.ConstructionMaterialTest.testGetWeight: Failed: expected<5.0> but was:

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 - MongoManagerTest.java

Source

```
79 assertEquals(expResult, result);
80 if(result !=expResult){
81     fail("The test case is a prototype.");
82 }
83
84
85
86 /**
87  * Test of getWeight method, of class ConstructionMaterial.
88  */
89 @Test
90 public void testGetWeight() {
91     System.out.println("getWeight");
92     ConstructionMaterial instance = null;
93     float expResult = 2F;
94     float result = 2F;
95     assertEquals(expResult, result, 2.0);
96     if(result !=expResult){
97         fail("The test case is a prototype.");
98     }
99 }
100
101 /**
102  * Test of setWeight method, of class ConstructionMaterial.
103  */
104 @Test
```

Test Results

ec.edu.espe.inventoryhardwarestore.model.ConstructionMaterialTest.testGetWeight X ec.edu.espe.inventoryhardwarestore.model.ConstructionMaterialTest.testGetWeight X

getWeight

Tests passed: 100.00 %

The test passed. (0.002 s)

ec.edu.espe.inventoryhardwarestore.model.ConstructionMaterialTest.testGetWeight: passed (0.001 s)

Projects x Services Files

Source History

```
133 //
134 @Test
135 public void testSetId() {
136     System.out.println("setId");
137     int id = 0;
138     ConstructionMaterial instance = null;
139     instance.setId(id);
140     // TODO review the generated test code and remove the default call to fail.
141     fail("The test case is a prototype.");
142 }
143
144 /**
145  * Test of getName method, of class ConstructionMaterial.
146  */
147 @Test
148 public void testGetName() {
149     System.out.println("getName");
150     ConstructionMaterial instance = null;
151     String expectedResult = "MARTILLO";
152     String result = "CLEMENTE";
153     assertEquals(expResult, result);
154     if(result !=expResult){
155         fail("The test case is a prototype.");
156     }
157 }
158
159 }
```

Test Results

ec.edu.espe.inventoryhadwarestore.model.ConstructionMaterialTest.testSetIdString X ec.edu.espe.inventoryhadwarestore.model.ConstructionMaterialTest.testSetIdWeight X ec.edu.espe.inventoryhadwarestore.model.ConstructionMaterialTest.testSetName X

Test Results

Test Results: 0.00 %

No test passed, 1 test failed (0.00 %)

ec.edu.espe.inventoryhadwarestore.model.ConstructionMaterialTest.testSetName Failed: expected: <MARTILLO> but was: <CLEMENTE>

Projects x Services Files

Source History

```
133 //
134 @Test
135 public void testSetId() {
136     System.out.println("setId");
137     int id = 0;
138     ConstructionMaterial instance = null;
139     instance.setId(id);
140     // TODO review the generated test code and remove the default call to fail.
141     fail("The test case is a prototype.");
142 }
143
144 /**
145  * Test of getName method, of class ConstructionMaterial.
146  */
147 @Test
148 public void testGetName() {
149     System.out.println("getName");
150     ConstructionMaterial instance = null;
151     String expectedResult = "MARTILLO";
152     String result = "MARTILLO";
153     assertEquals(expResult, result);
154     if(result !=expResult){
155         fail("The test case is a prototype.");
156     }
157 }
158
159 }
```

Test Results

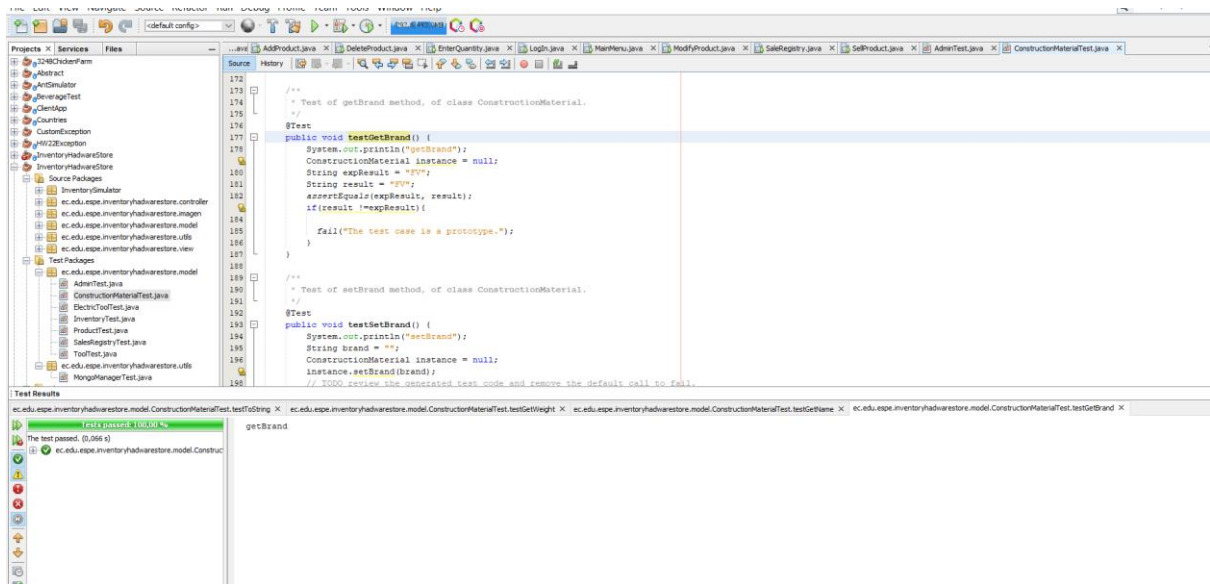
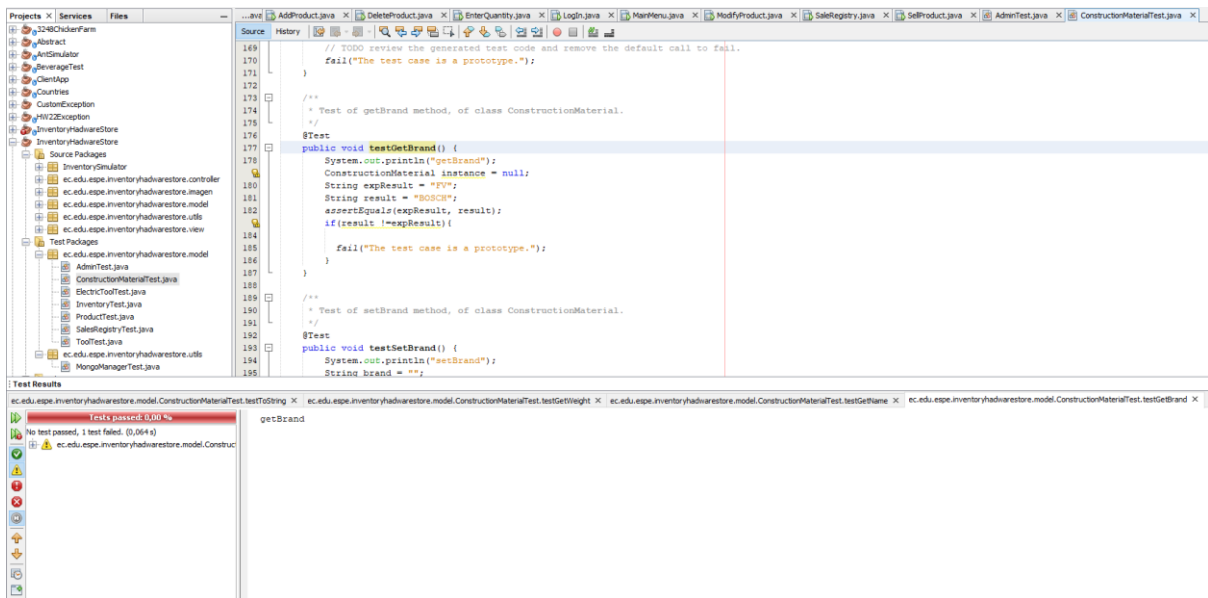
ec.edu.espe.inventoryhadwarestore.model.ConstructionMaterialTest.testSetIdString X ec.edu.espe.inventoryhadwarestore.model.ConstructionMaterialTest.testSetIdWeight X ec.edu.espe.inventoryhadwarestore.model.ConstructionMaterialTest.testSetName X

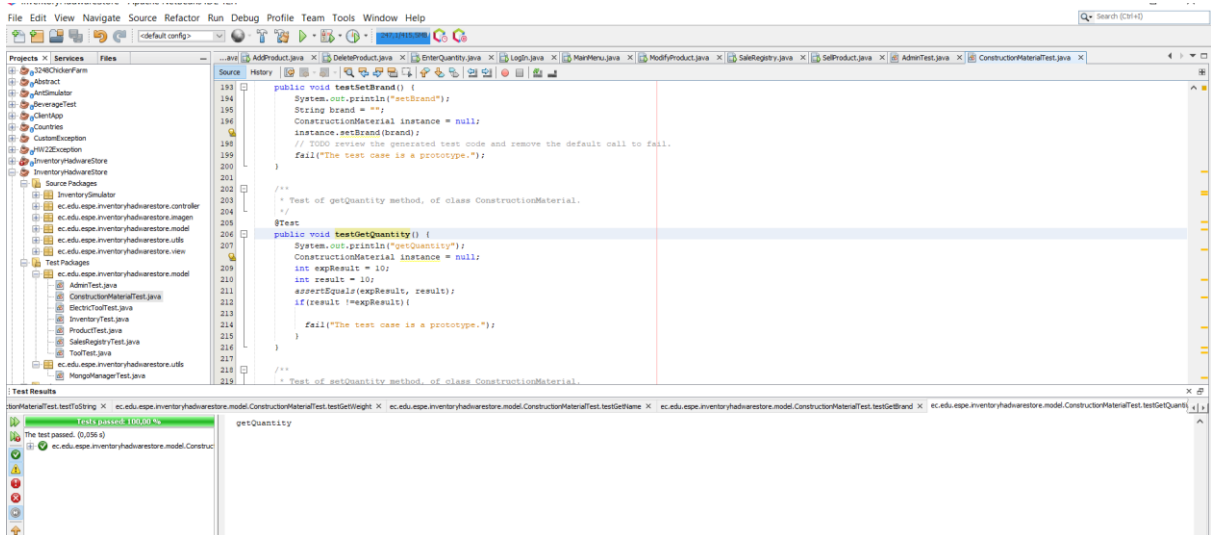
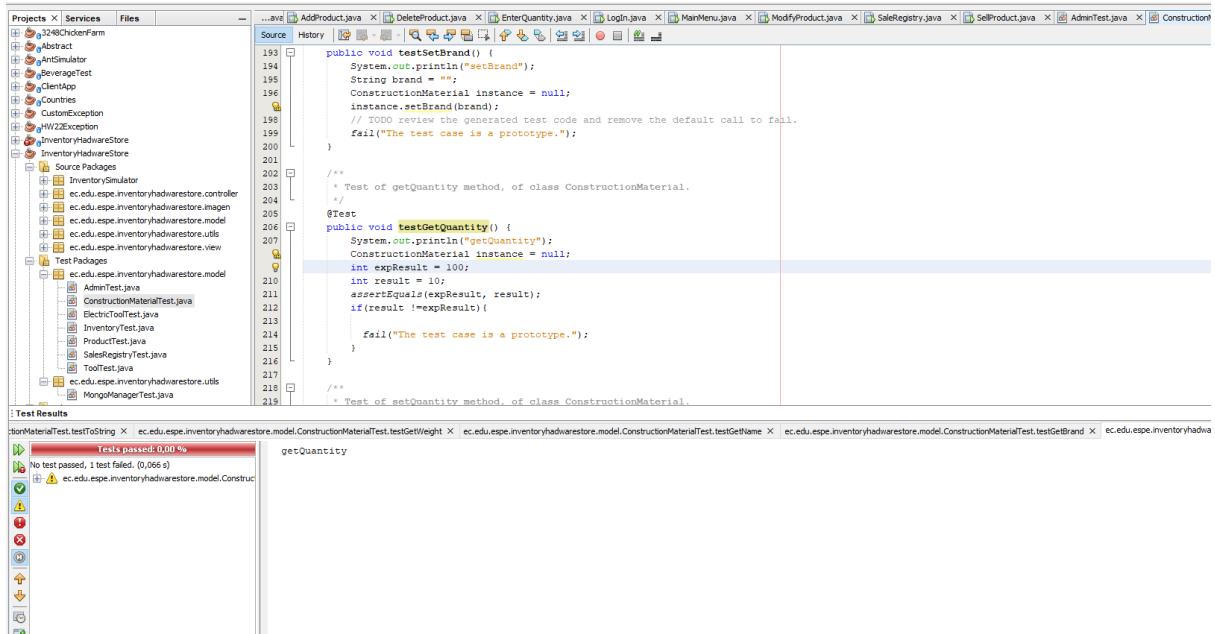
Test Results

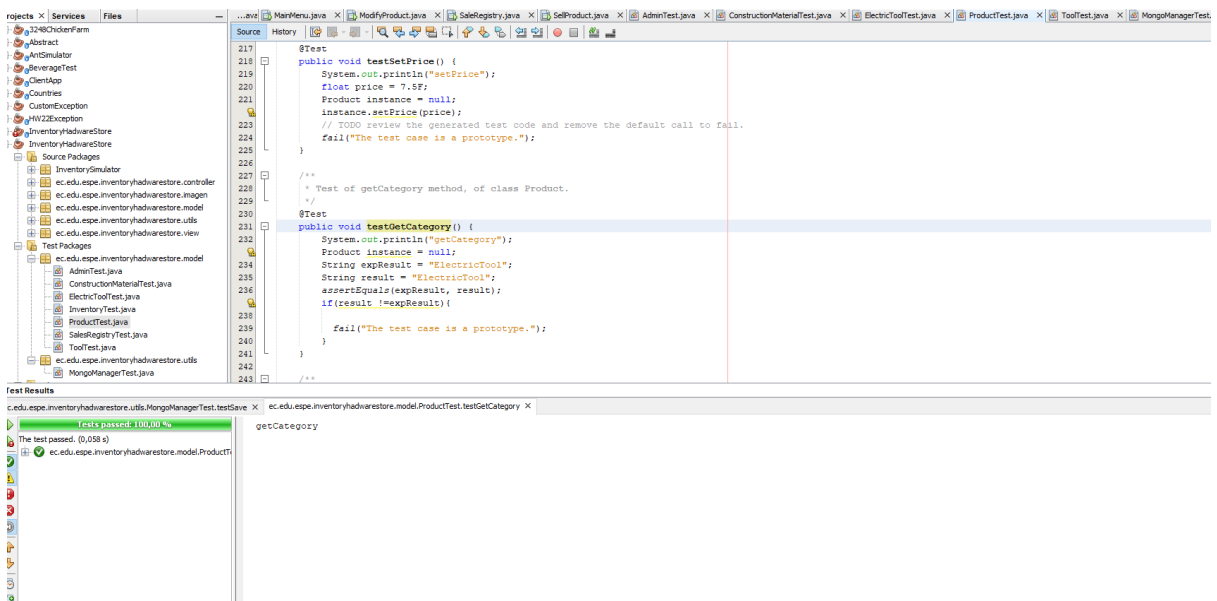
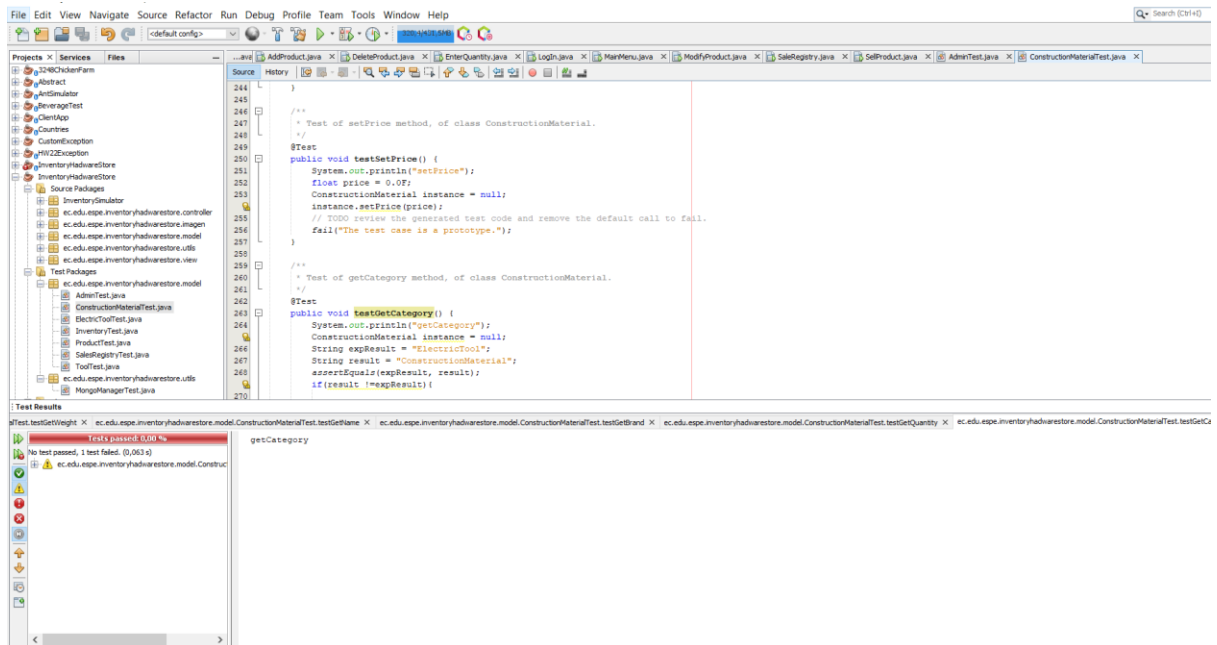
Test Results: 100.00 %

The test passed. (0.061 s)

ec.edu.espe.inventoryhadwarestore.model.ConstructionMaterialTest.testSetName Passed







Projects Services Files

Source History

```
40 /**
41  * Test of add method, of class ElectricTool.
42  */
43  @Test
44  public void testAdd() {
45      System.out.println("add");
46      int quantityToAdd = 0;
47      ElectricTool instance = null;
48
49      // TODO review the generated test code and remove the default call to fail.
50      fail("The test case is a prototype.");
51  }
52
53  /**
54   * Test of sell method, of class ElectricTool.
55   */
56   @Test
57   public void testSell() {
58       System.out.println("sell");
59       int quantityToSell = 0;
60       ElectricTool instance = null;
61       float expResult = 10.50F;
62       float result = 0.0F;
63       assertEquals(expResult, result, 0.0);
64       if (result != expResult) {
65           fail("The test case is a prototype.");
66       }
```

Test Results

Tests passed: 0.00 %

No test passed, 1 test failed. (0.06 s)

ec.edu.espe.inventoryhadwarestore.model.ElectricTool

Projects Services Files

Source History

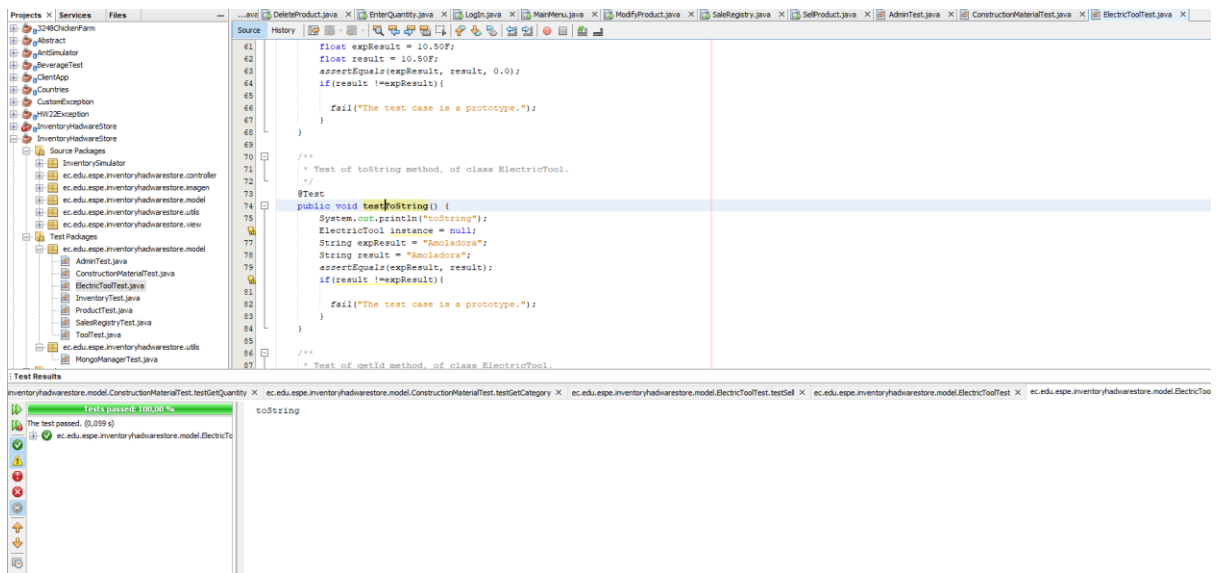
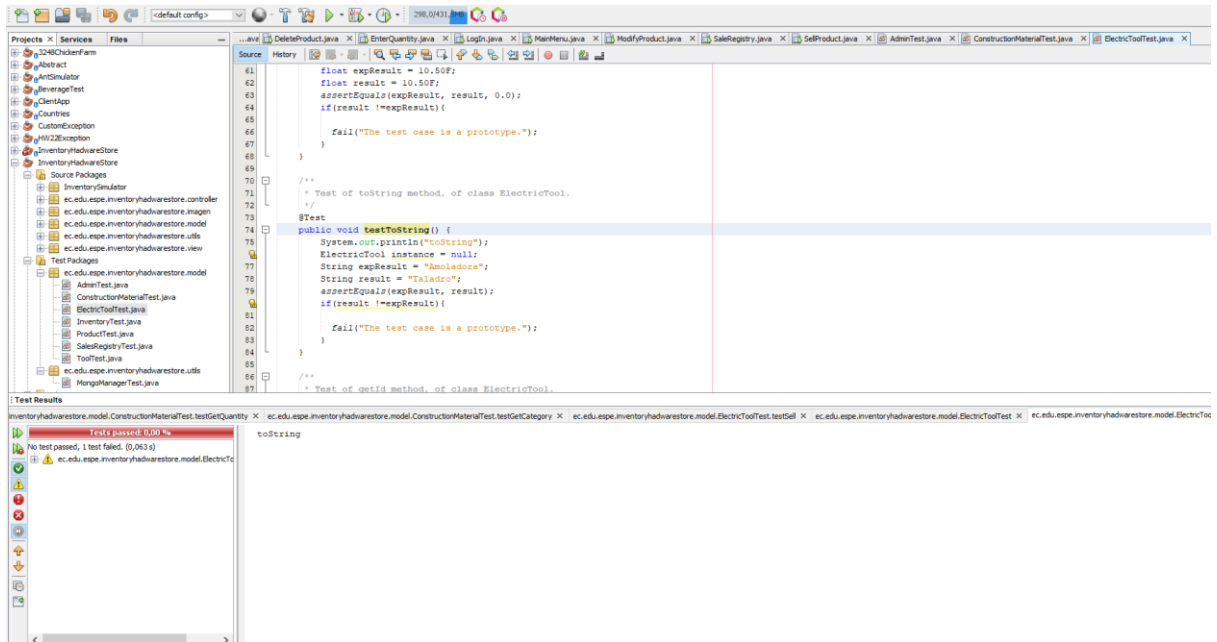
```
40 /**
41  * Test of add method, of class ElectricTool.
42  */
43  @Test
44  public void testAdd() {
45      System.out.println("add");
46      int quantityToAdd = 0;
47      ElectricTool instance = null;
48
49      // TODO review the generated test code and remove the default call to fail.
50      fail("The test case is a prototype.");
51  }
52
53  /**
54   * Test of sell method, of class ElectricTool.
55   */
56   @Test
57   public void testSell() {
58       System.out.println("sell");
59       int quantityToSell = 0;
60       ElectricTool instance = null;
61       float expResult = 10.50F;
62       float result = 0.0F;
63       assertEquals(expResult, result, 0.0);
64       if (result != expResult) {
65           fail("The test case is a prototype.");
66       }
```

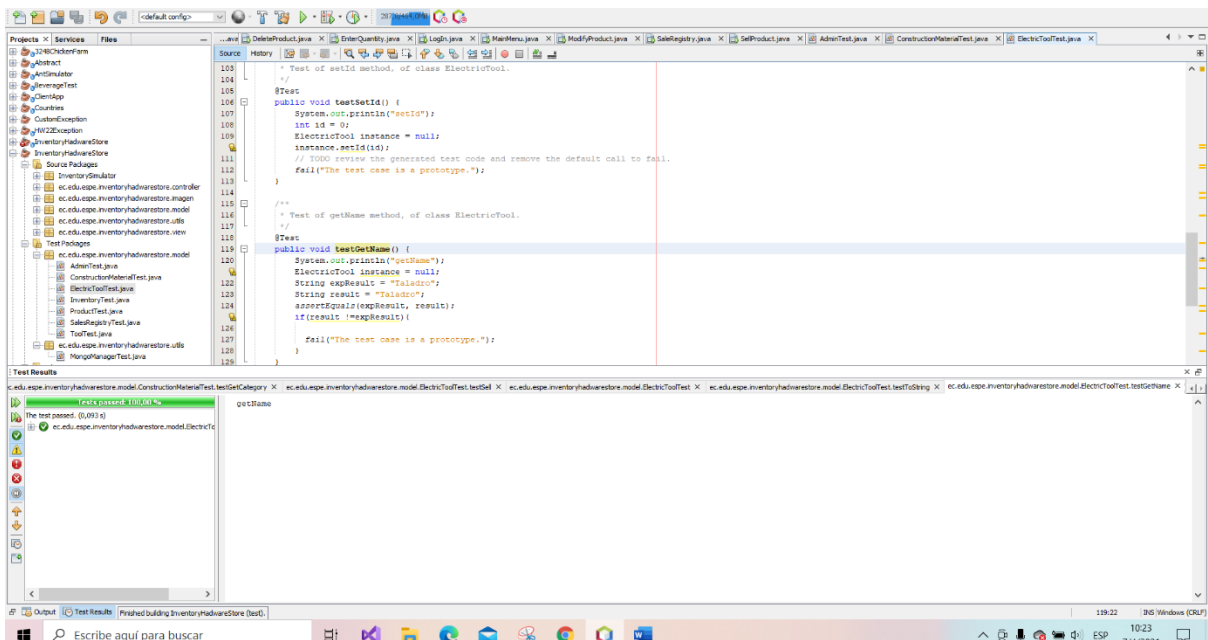
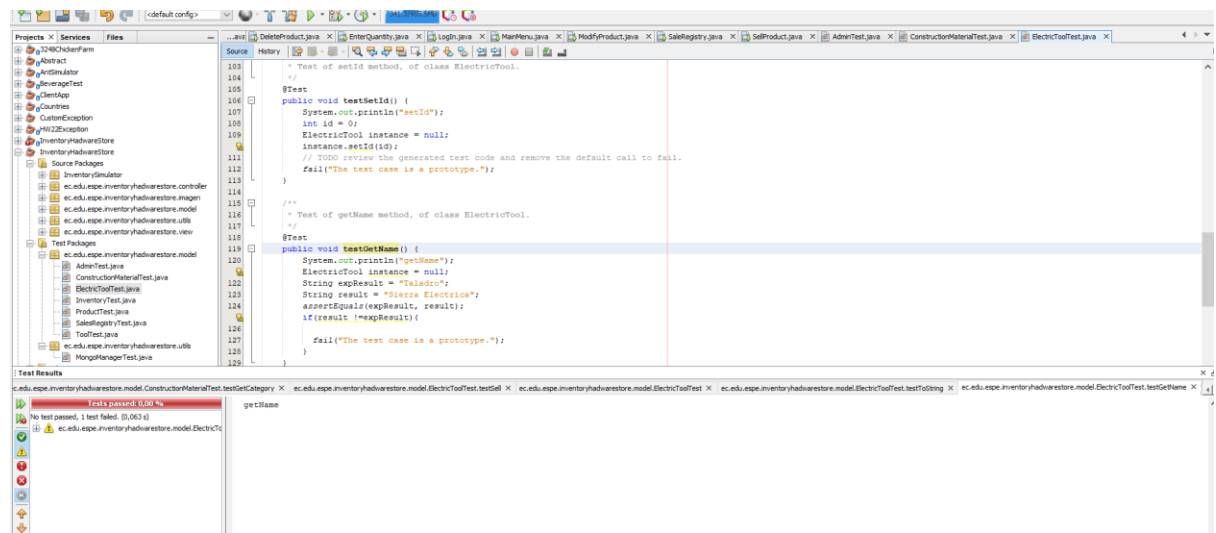
Test Results

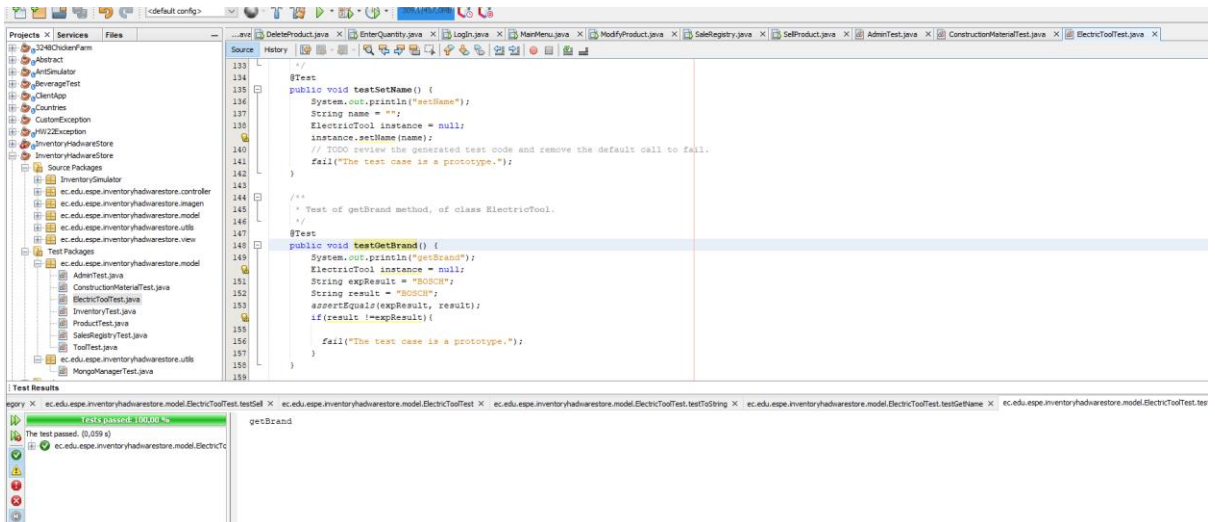
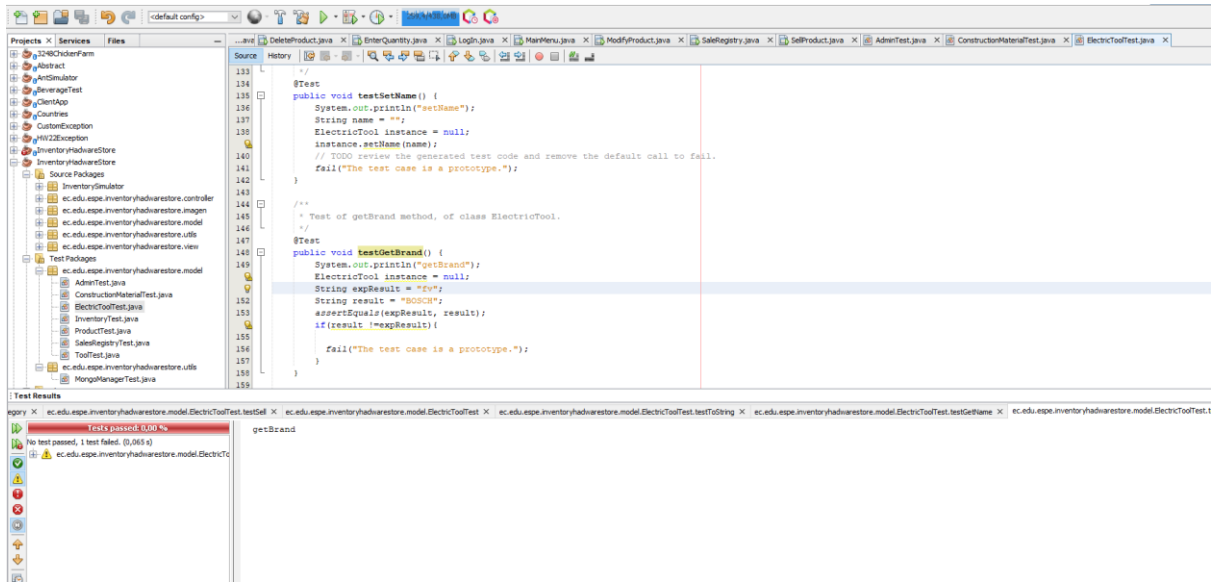
Tests passed: 100.00 %

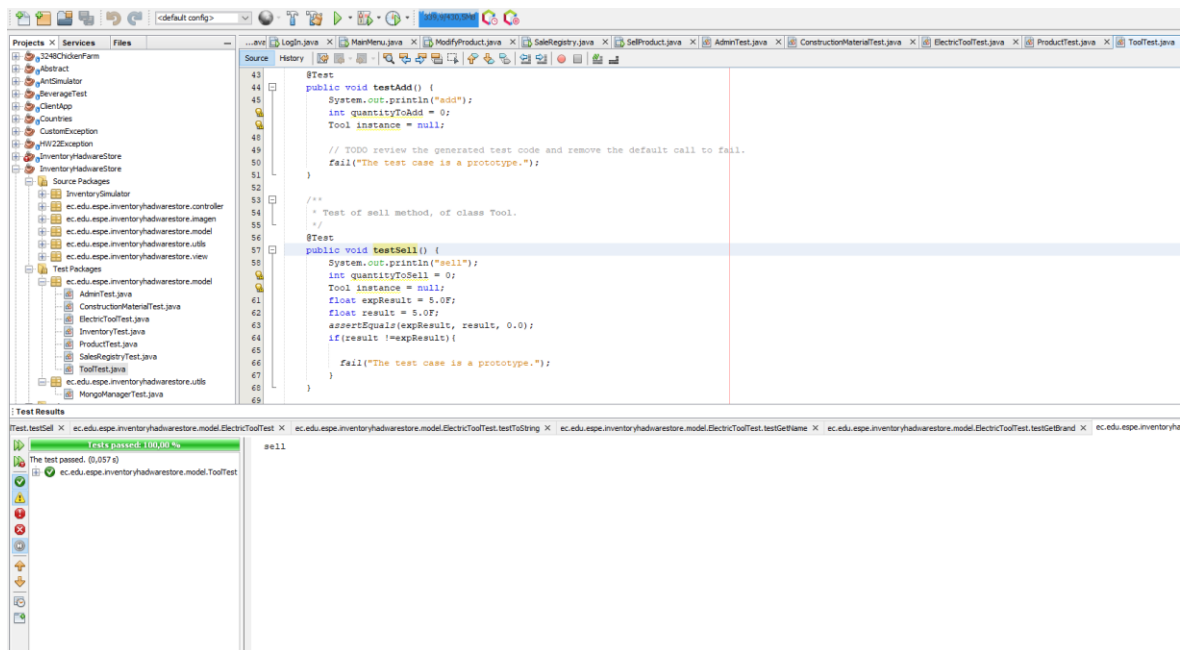
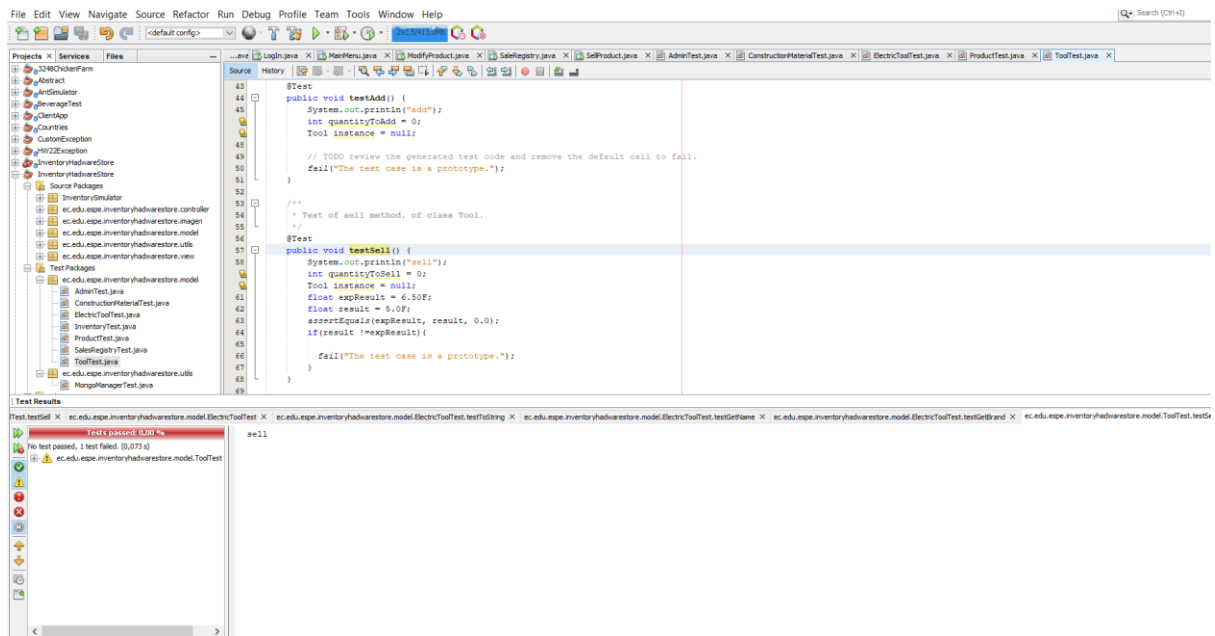
The test passed. (0.056 s)

ec.edu.espe.inventoryhadwarestore.model.ElectricTool









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Abstract
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InventoryTest
ClientApp
Countries
CustomException
Mongo2ZException
InventoryHardwareStore
InventoryHardwareStore
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MongoManagerTest.java

Source History

```
28 @AfterClass
29 public static void tearDownClass() {
30 }
31
32 @Before
33 public void setUp() {
34 }
35
36 @After
37 public void tearDown() {
38 }
39
40 /**
41  * Test of save method, of class MongoManager.
42  */
43 @Test
44 public void testSave() throws Exception {
45     System.out.println("save");
46     int id = 1;
47     String name = "Martillo";
48     String brand = "LHM";
49     int quantity = 100;
50     float price = (float) 0.2;
51     String category = "Herramienta";
52     //MongoManager.save(id, name, brand, quantity, price, category);
53 }
54
```

Test Results

ec.edu.espe.inventoryhardwarestore.utils.MongoManagerTest.testSave

Tests passed: 100.00 %
The test passed. (0.06 s)
ec.edu.espe.inventoryhardwarestore.utils.MongoMan

save