

Test de Customer

The screenshot shows the Eclipse IDE with the project 'RentalSystemTest'. The left sidebar shows the package structure: 'com.espol.rentalsystemtest' containing 'Customer.java', 'Movie.java', 'MovieRental.java', 'Ps3Game.java', 'VideoGameRental.java', 'WiiGame.java', and 'Xbox360Game.java'. The 'Test Packages' section shows 'com.espol.rentalsystemtest' containing 'CustomerTest.java', 'MovieRentalTest.java', 'MovieTest.java', and 'VideoGameRentalTest.java'. The main editor shows the source code for 'CustomerTest.java' with the following code:

```
64
65
66  /**
67   * Test of statement method, of class Customer.
68   */
69  @Test
70  public void testStatement() {
71      System.out.println("statement");
72      Movie movie = new Movie("Avenger", Movie.REGULAR);
73      WiiGame mario = new WiiGame("Mario Bros");
74      VideoGameRental viedorental = new VideoGameRental(mario, 5, true);
75      MovieRental movieren = new MovieRental(movie, 5);
76      Customer instance = new Customer("GILSON PONCE");
77      String expResult = "Rental Record for GILSON PONCE" + "\n" + "Amount owed is 0.0" + "\n" + "You earned 0 frequent renter p
78      String result = instance.statement();
79      System.out.println(result);
80      assertEquals(expResult, result);
81      // TODO review the generated test code and remove the default call to fail.
82  }
```

The 'Test Results' tab shows 'Output - Test (CustomerTest)' with the following output:

```
com.espol.RentalSystemTest.jar:1.0-SNAPSHOT (Unit) X
Tests passed: 100,00 %
All 7 tests passed. (0,007 s)
```

Test de MovieRental

The screenshot shows the Eclipse IDE with the project 'RentalSystemTest'. The left sidebar shows the package structure: 'com.espol.rentalsystemtest' containing 'Customer.java', 'Movie.java', 'MovieRental.java', 'Ps3Game.java', 'VideoGameRental.java', 'WiiGame.java', and 'Xbox360Game.java'. The 'Test Packages' section shows 'com.espol.rentalsystemtest' containing 'CustomerTest.java', 'MovieRentalTest.java', 'MovieTest.java', and 'VideoGameRentalTest.java'. The main editor shows the source code for 'MovieRentalTest.java' with the following code:

```
34  @Before
35  public void setUp() {
36      theManWhoKnewTooMuch = new Movie("The Man Who Knew Too Much", Movie.REGULAR);
37      mulan = new Movie("Mulan", Movie.CHILDRENS);
38      slumdogMillionaire = new Movie("Slumdog Millionaire", Movie.NEW_RELEASE);
39  }
40
41  @Test
42  public void testGetPriceCode() {
43      assertEquals(Movie.REGULAR, theManWhoKnewTooMuch.getPriceCode());
44  }
45
46  @After
47  public void tearDown() {
48  }
49
50  @Test
51  public void testGetTitle() {
52      assertEquals("The Man Who Knew Too Much", theManWhoKnewTooMuch._title);
53  }
```

The 'Test Results' tab shows 'Output - Test (MovieRentalTest)' with the following output:

```
com.espol.RentalSystemTest.jar:1.0-SNAPSHOT (Unit) X
Tests passed: 100,00 %
All 5 tests passed. (0,004 s)
```

Test de VideoGameRenta

The screenshot shows the IDE interface with the 'testGetCharge' method selected in the source editor. The test results panel at the bottom indicates that all 7 tests passed successfully in 0.01 seconds.

```
73  * Test of getCharge method, of class VideoGameRental.
74  */
75  @Test
76  public void testGetCharge() {
77      System.out.println("getCharge");
78      VideoGameRental instance = new VideoGameRental(fable2, 5, true);
79      double expectedResult = 41.489999999999995;
80      double result = instance.getCharge();
81      assertEquals(expectedResult, result, 0.0);
82  }
83
84  /**
85   * Test of getFrequentRenterPoints method, of class VideoGameRental.
86   */
87  @Test
88  public void testGetFrequentRenterPoints() {
89      System.out.println("getFrequentRenterPoints");
90      VideoGameRental instance = new VideoGameRental(fable2, 5, true);
91      int expectedResult = 4;
92      int result = instance.getFrequentRenterPoints();
93      assertEquals(expectedResult, result);
94  }
```

Test Results: Output - Test (VideoGameRentalTest)
com.espol.RentalSystemTest.jar:1.0-SNAPSHOT (Unit) X
Tests passed: 100,00 %
All 7 tests passed. (0,01 s)

Test de Movie

The screenshot shows the IDE interface with the 'MovieTest' class selected in the source editor. The test results panel at the bottom indicates that both tests passed successfully in 0.007 seconds.

```
1  /**
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6  package com.espol.rentalsystemtest;
7
8  import org.junit.After;
9  import org.junit.AfterClass;
10 import org.junit.Before;
11 import org.junit.BeforeClass;
12 import org.junit.Test;
13 import static org.junit.Assert.*;
14 import static org.junit.jupiter.api.Assertions.assertEquals;
15
16 /**
17  *
18  * @author GILSON
19  */
20 public class MovieTest {
21 }
```

Test Results: Output - Test (MovieTest)
com.espol.RentalSystemTest.jar:1.0-SNAPSHOT (Unit) X
Tests passed: 100,00 %
Both tests passed. (0,007 s)