

Automated Unit Testing Using JUnit

Dibuat Oleh:

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Kelas: IF-41-05

1. Class Login

```
package Model;

import org.junit.After;
import org.junit.AfterClass;
import org.junit.Before;
import org.junit.BeforeClass;
import org.junit.Test;
import static org.junit.Assert.*;

/**
 *
 * @author PUTRI
 */
public class LoginModelTest {

    public LoginModelTest() {
    }

    @BeforeClass
    public static void setUpClass() {
    }

    @AfterClass
    public static void tearDownClass() {
    }

    @Before
    public void setUp() {
    }

    @After
    public void tearDown() {
    }
}
```

- Test get username

```
@Test
public void testGetUsername() {
    System.out.println("getUsername");
    LoginModel instance = new LoginModel("PutriCan", "mercyOnMe");
    String expectedResult = "PutriCan";
    String result = instance.getUsername();
    assertEquals(expectedResult, result);
}
```

- Test set username

```
@Test
public void testSetUsername() {
    System.out.println("setUsername");
    String username = "";
    LoginModel instance = new LoginModel("PutriCan", "mercyOnMe");
    instance.setUsername(username);
}
```

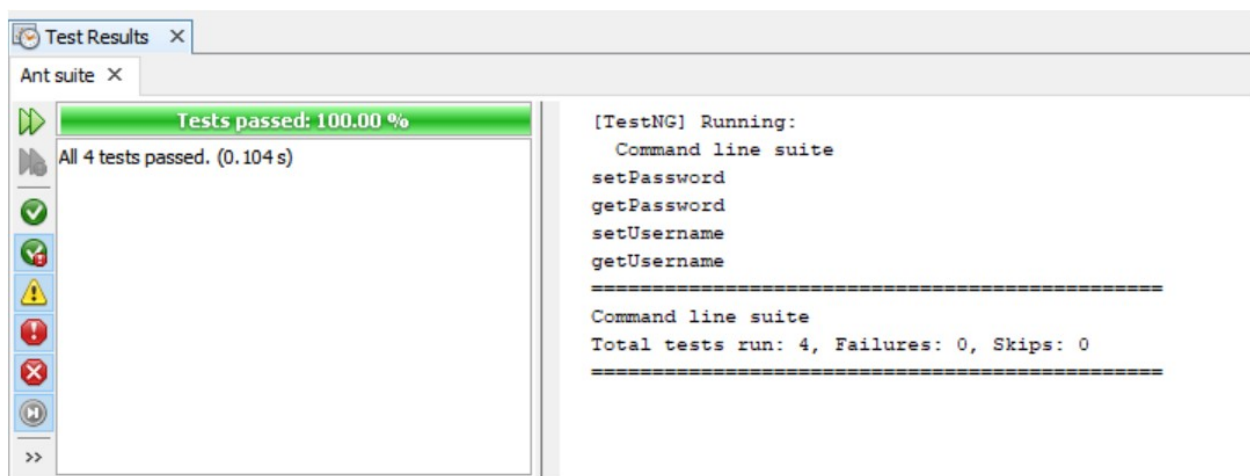
- Test get password

```
@Test
public void testGetPassword() {
    System.out.println("getPassword");
    LoginModel instance = new LoginModel("PutriCan", "mercyOnMe");
    String expectedResult = "mercyOnMe";
    String result = instance.getPassword();
    assertEquals(expectedResult, result);
}
```

- Test set password

```
@Test
public void testSetPassword() {
    System.out.println("setPassword");
    String password = "";
    LoginModel instance = new LoginModel("PutriCan", "mercyOnMe");
    instance.setPassword(password);
}
```

- Hasil test



2. Class Pembayaran

```
package Model;

import org.junit.After;
import org.junit.AfterClass;
import org.junit.Before;
import org.junit.BeforeClass;
import org.junit.Test;
import static org.junit.Assert.*;

/**
 *
 * @author PUTRI
 */
public class PembayaranModelTest {

    public PembayaranModelTest() {
    }

    @BeforeClass
    public static void setUpClass() {
    }

    @AfterClass
    public static void tearDownClass() {
    }

    @Before
    public void setUp() {
    }

    @After
    public void tearDown() {
    }
}
```

-Test set id pembayaran

```
@Test
public void testSetIdPembayaran() {
    System.out.println("setIdPembayaran");
    String idPembayaran = "PMB0014";
    PembayaranModel instance = new PembayaranModel("PMB0014", "PMS0014", "KSR0003", "2019-11-19", 200000);
    instance.setIdPembayaran(idPembayaran);
    // TODO review the generated test code and remove the default call to fail.
    fail("The test case is a prototype.");
}
```

- Test set total

```
@Test
public void testSetTotal() {
    System.out.println("setTotal");
    int total = 200000;
    PembayaranModel instance = new PembayaranModel("PMB0014", "PMS0014", "KSR0003", "2019-11-19", 200000);
    instance.setTotal(total);
    // TODO review the generated test code and remove the default call to fail.
    fail("The test case is a prototype.");
}
```

- Test set pembayaran

```

    * Test of setTglPmbyr method, of class PembayaranModel.
    */
@Test
public void testSetTglPmbyr() {
    System.out.println("setTglPmbyr");
    String tglPmbyr = "2019-11-19";
    PembayaranModel instance = new PembayaranModel("PMB0014", "PMS0014", "KSR0003", "2019-11-19", 200000);
    instance.setTglPmbyr(tglPmbyr);
    // TODO review the generated test code and remove the default call to fail.
    fail("The test case is a prototype.");
}
}
```

- Test set tanggal pembayaran

```
    * Test of setTglPmbyr method, of class PembayaranModel.
    */
    @Test
    public void testSetTglPmbyr() {
        System.out.println("setTglPmbyr");
        String tglPmbyr = "2019-11-19";
        PembayaranModel instance = new PembayaranModel("PMB0014", "PMS0014", "KSR0003", "2019-11-19", 200000);
        instance.setTglPmbyr(tglPmbyr);
        // TODO review the generated test code and remove the default call to fail.
        // fail("The test case is a prototype.");
    }
}
```

-Test set id pemesanan

```
82     @Test
83     public void testSetIdPemesanan() {
84         System.out.println("setIdPemesanan");
85         String idPemesanan = "PMS0014";
86         PembayaranModel instance = new PembayaranModel("PMB0014", "PMS0014", "KSR0003", "2019-11-19", 200000);
87         instance.setIdPemesanan(idPemesanan);
88         // TODO review the generated test code and remove the default call to fail.
89         // fail("The test case is a prototype.");
90     }
91 }
```

-Test set id kasir

```
@Test
public void testSetIdKasir() {
    System.out.println("setIdKasir");
    String idKasir = "KSR0003";
    PembayaranModel instance = new PembayaranModel("PMB0014", "PMS0014", "KSR0003", "2019-11-19", 200000);
    instance.setIdKasir(idKasir);
    // TODO review the generated test code and remove the default call to fail.
    // fail("The test case is a prototype.");
}
```

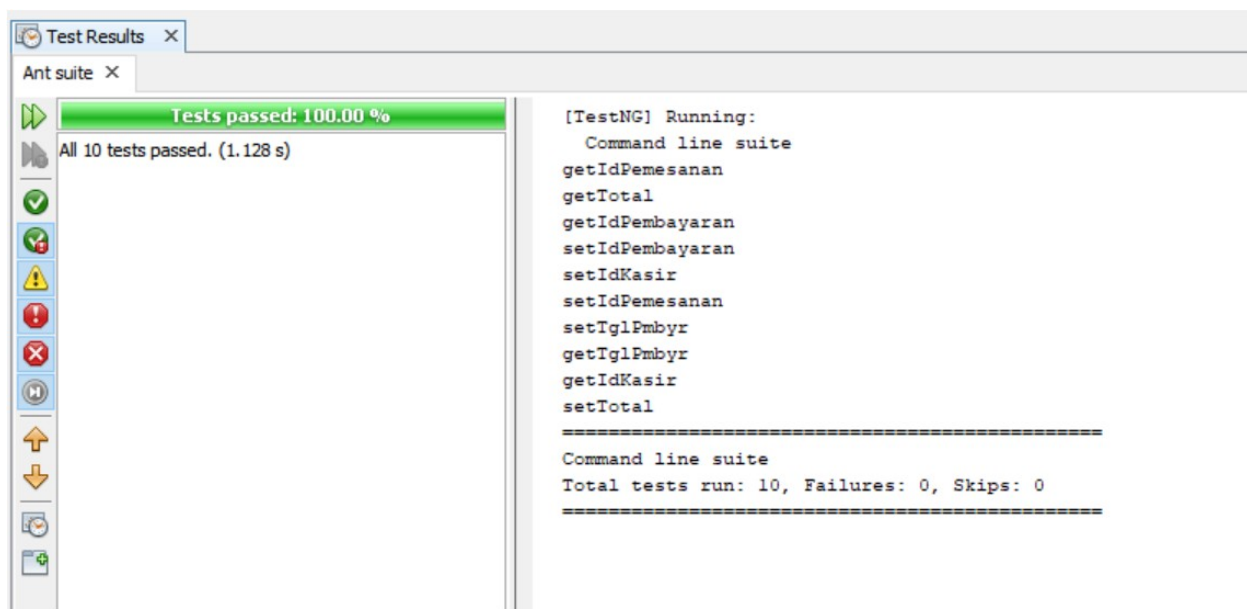
-Test set id get total

```
@Test
public void testGetTotal() {
    System.out.println("getTotal");
    PembayaranModel instance = new PembayaranModel("PMB0014", "PMS0014", "KSR0003", "2019-11-19", 200000);
    int expectedResult = 200000;
    int result = instance.getTotal();
    assertEquals(expResult, result);
    // TODO review the generated test code and remove the default call to fail.
    fail("The test case is a prototype.");
}
```

-Test set id get total

```
@Test
public void testGetTglPmbyr() {
    System.out.println("getTglPmbyr");
    PembayaranModel instance = new PembayaranModel("PMB0014", "PMS0014", "KSR0003", "2019-11-19", 200000);
    String expectedResult = "2019-11-19";
    String result = instance.getTglPmbyr();
    assertEquals(expResult, result);
    // TODO review the generated test code and remove the default call to fail.
    fail("The test case is a prototype.");
}
```

- Hasil Test



3. Class Pemesanan

```
6  package Model;
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
15 /**
16  *
17  * @author PUTRI
18  */
19 public class PemesananModelTest {
20
21     public PemesananModelTest() {
22     }
23
24     @BeforeClass
25     public static void setUpClass() {
26     }
27
28     @AfterClass
29     public static void tearDownClass() {
30     }
31
32     @Before
33     public void setUp() {
34     }
35
36     @After
37     public void tearDown() {
38     }
```


-Test total

```
    @Test
    public void testSetTotal() {
        System.out.println("setTotal");
        int total = 2;
        PemesananModel instance = new PemesananModel("PMS0015",2,"2019-11-19");
        instance.setTotal(total);
        // TODO review the generated test code and remove the default call to fail.
        / fail("The test case is a prototype.");
    }
```

- Test tanggal pemesanan

```
    @Test
    public void testSetTglPmsn() {
        System.out.println("setTglPmsn");
        String tglPmsn = "2019-11-19";
        PemesananModel instance = new PemesananModel("PMS0015",2,"2019-11-19");
        instance.setTglPmsn(tglPmsn);
        // TODO review the generated test code and remove the default call to fail.
        fail("The test case is a prototype.");
    }
```

- Test id pemesanan

```
    */
    @Test
    public void testGetIdPemesanan() {
        System.out.println("getIdPemesanan");
        PemesananModel instance = new PemesananModel("PMS0015",2,"2019-11-19");
        String expResult = "PMS0015";
        String result = instance.getIdPemesanan();
        assertEquals(expResult, result);
        // TODO review the generated test code and remove the default call to fail.
        // fail("The test case is a prototype.");
    }
```

- Test get total

```
    */  
    @Test  
    public void testGetTotal() {  
        System.out.println("getTotal");  
        PemesananModel instance = new PemesananModel("PMS0015",2,"2019-11-19");  
        int expectedResult = 2;  
        int result = instance.getTotal();  
        assertEquals(expResult, result);  
        // TODO review the generated test code and remove the default call to fail.  
        fail("The test case is a prototype.");  
    }  
}
```

- Hasil test

