Software Testing

Assignment – III

Unit Testing

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L17-4031
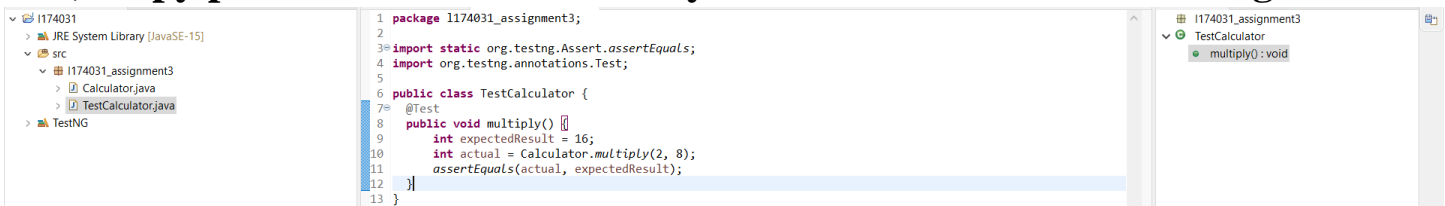
CS-8E

1) Copy paste or screenshot the function


```java
package l174031_assignment3;

public class Calculator {
        public static int multiply(int a, int b) {
                return a*b;
        }
}
```

2) Copy paste or screenshot of test you have written for unit testing


```java
package l174031_assignment3;

import static org.testng.Assert.assertEquals;
import org.testng.annotations.Test;

public class TestCalculator {
  @Test
  public void multiply() {
        int expectedResult = 16;
        int actual = Calculator.multiply(2, 8);
        assertEquals(actual, expectedResult);
  }
}
```

3) Screenshot of result


```
[RemoteTestNG] detected TestNG version 7.4.0
PASSED: multiply


===============================================
    Default test
    Tests run: 1, Failures: 0, Skips: 0
===============================================



===============================================
Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
===============================================
```