**WEEK – 2**

**JUnit Testing Exercises**

**Exercise 1: Setting Up Junit**

**CODE:**

**Dependencies:**

<dependencies>  
 <dependency>  
 <groupId>junit</groupId>  
 <artifactId>junit</artifactId>  
 <version>4.13.2</version>  
 <scope>test</scope>  
 </dependency>  
</dependencies>

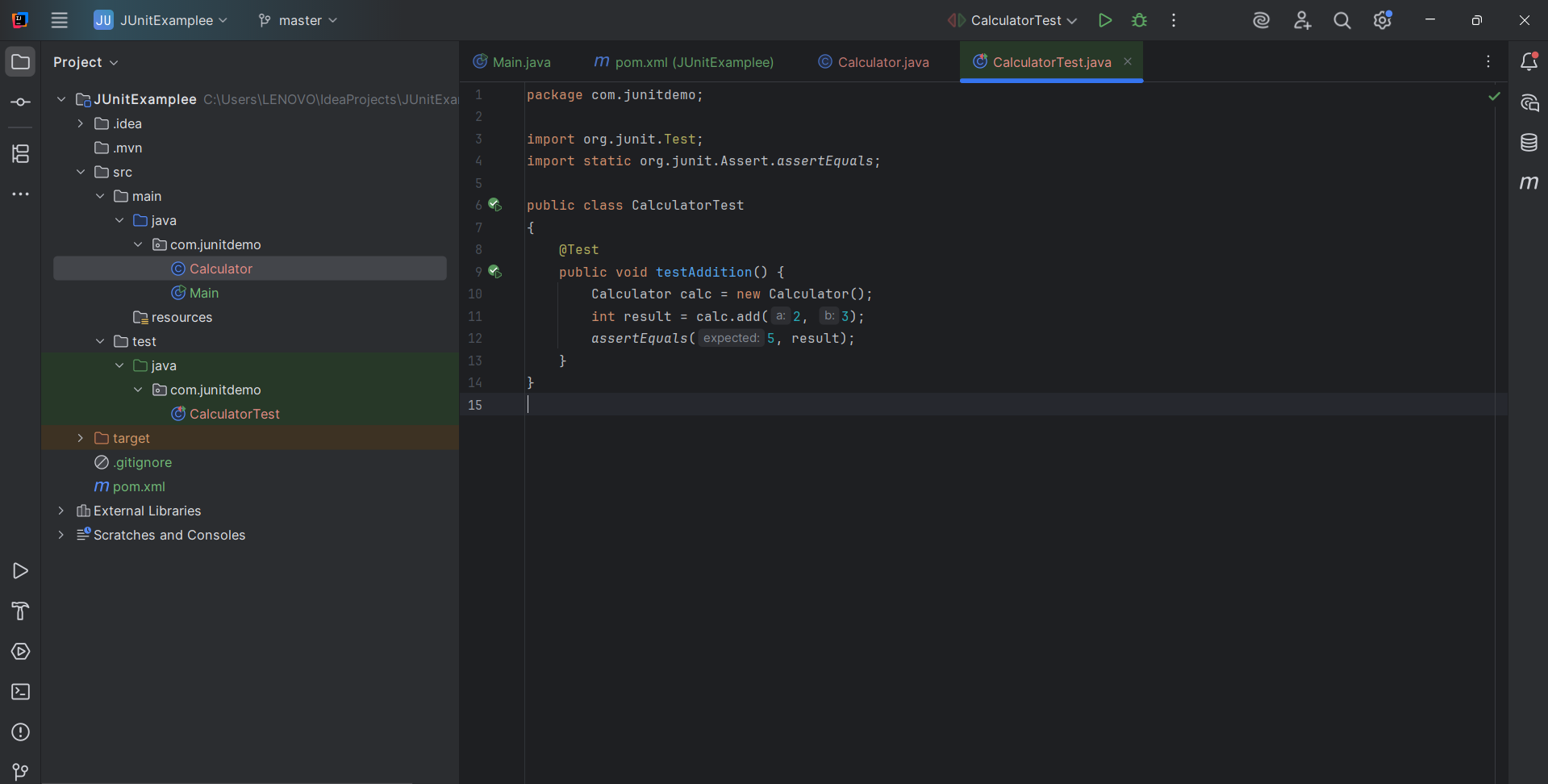
**Calculator.java:**

package com.junitdemo;  
  
public class Calculator {  
 public int add(int a, int b) {  
 return a + b;  
 }  
}

**CalculatorTest.java:**

package com.junitdemo;  
  
import org.junit.Test;  
import static org.junit.Assert.*assertEquals*;  
  
public class CalculatorTest  
{  
 @Test  
 public void testAddition() {  
 Calculator calc = new Calculator();  
 int result = calc.add(2, 3);  
 *assertEquals*(5, result);  
 }  
}

**OUTPUT:**

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