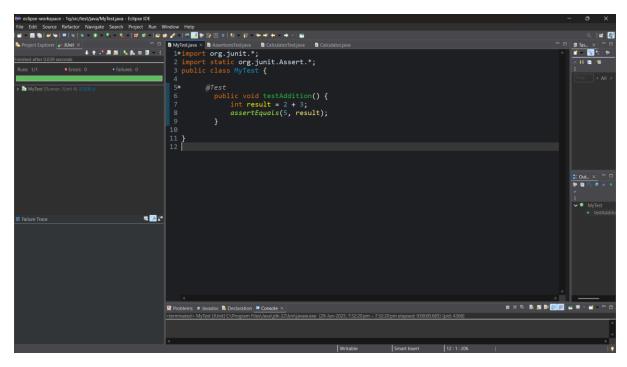
#### WEEK 2

# **Setting Up Junit**

# Output



#### **Assertions in Junit**

### Code

## **Output**

```
The feet Source Individual Notation National Part | Source | Sourc
```

# Arrange-Act-Assert (AAA) Pattern, Test Fixtures, Setup and Teardown Methods in Junit

#### Code

```
st.java 🗾 CalculatorTest.java × 🔟 Calculator.java
  10 import org.junit.Before;
2 import org.junit.After;
3 import org.junit.Test;
4 import static org.junit.Assert.*;
  6 public class CalculatorTest {
7    private Calculator calculator;
            @Before
                  plic void setUp() {
  calculator = new Calculator();
            @After
public void tearDown() {
                   calculator = null;
            @Test
public void testAddition() {
 19•
                   int result = calculator.add(2, 3);
System.out.println(result);
assertEquals(5, result);
28
29
           public void testMultiply() {
               int result = calculator.multiply(2, 3);
System.out.println(result);
assertEquals(5, result);
31
32
33
34
35•
36
37
38
           @Test
public void testSubtraction() {
              // Act
  int result = calculator.subtract(5, 3);
                 System.out.println(result);
41
42
43 }
44
                  assertEquals(2, result);
```

# Output

```
| Table | The Continue | Table | Table
```

Making a test case to fail