**Exercise 1: Setting Up Junit**

**Step-1:**

Created a new project named JUnitExample1

**Step-2:**

Add Junit dependency in pom.xml code:

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.13.2</version>

<scope>test</scope>

</dependency>

**Step-3:**

**Create a new test class in your project.**

**Calculator code:**

package com.example;

public class Calculator {

public int add(int a, int b) {

return a + b;

}

public int subtract(int a, int b) {

return a - b;

}

}

**CalculatorTest code:**

package com.example;

import org.junit.Test;

import static org.junit.Assert.\*;

public class CalculatorTest {

@Test

public void testAdd() {

Calculator calc = new Calculator();

int result = calc.add(10, 5);

*assertEquals*(15, result);

}

@Test

public void testSubtract() {

Calculator calc = new Calculator();

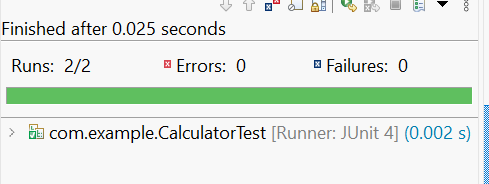
int result = calc.subtract(10, 5);

*assertEquals*(5, result);

}

}

**Output:**

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