Exercise 1: Setting Up JUnit

pom.xml

<project xmlns="http://maven.apache.org/POM/4.0.0"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0

http://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>com.example</groupId>

<artifactId>JUnitSetup</artifactId>

<version>1.0-SNAPSHOT</version>

<dependencies>

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.13.2</version>

<scope>test</scope>

</dependency>

</dependencies>

</project>

Calculator.java

public class Calculator {

public int add(int a, int b) {

return a + b;

}

}

CalculatorTest.java

import org.junit.Test;

import static org.junit.Assert.\*;

public class CalculatorTest {

@Test

public void testAdd\_case01() {

Calculator calc = new Calculator();

assertEquals(5, calc.add(2, 3));

}

@Test

public void testAdd\_case02() {

Calculator calc = new Calculator();

assertEquals(10, calc.add(7, 3));

}

@Test

public void testAdd\_case03() {

Calculator calc = new Calculator();

assertEquals(1, calc.add(-2, 3));

}

}

OUTPUT :

