**Exercise 1: Setting Up Junit**

**CODE:**

**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>calculator-app</artifactId>

<version>1.0-SNAPSHOT</version>

<dependencies>

<!-- JUnit for unit testing -->

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.13.2</version>

<scope>test</scope>

</dependency>

</dependencies>

</project>

**CalculatorTest.java**

package com.example;

import org.junit.Test;

import static org.junit.Assert.\*;

public class CalculatorTest {

@Test

public void testAdd() {

Calculator calculator = new Calculator();

int result = calculator.add(2, 3);

assertEquals(5, result);

}

}

**Calculator.java:**

package com.example;

public class Calculator {

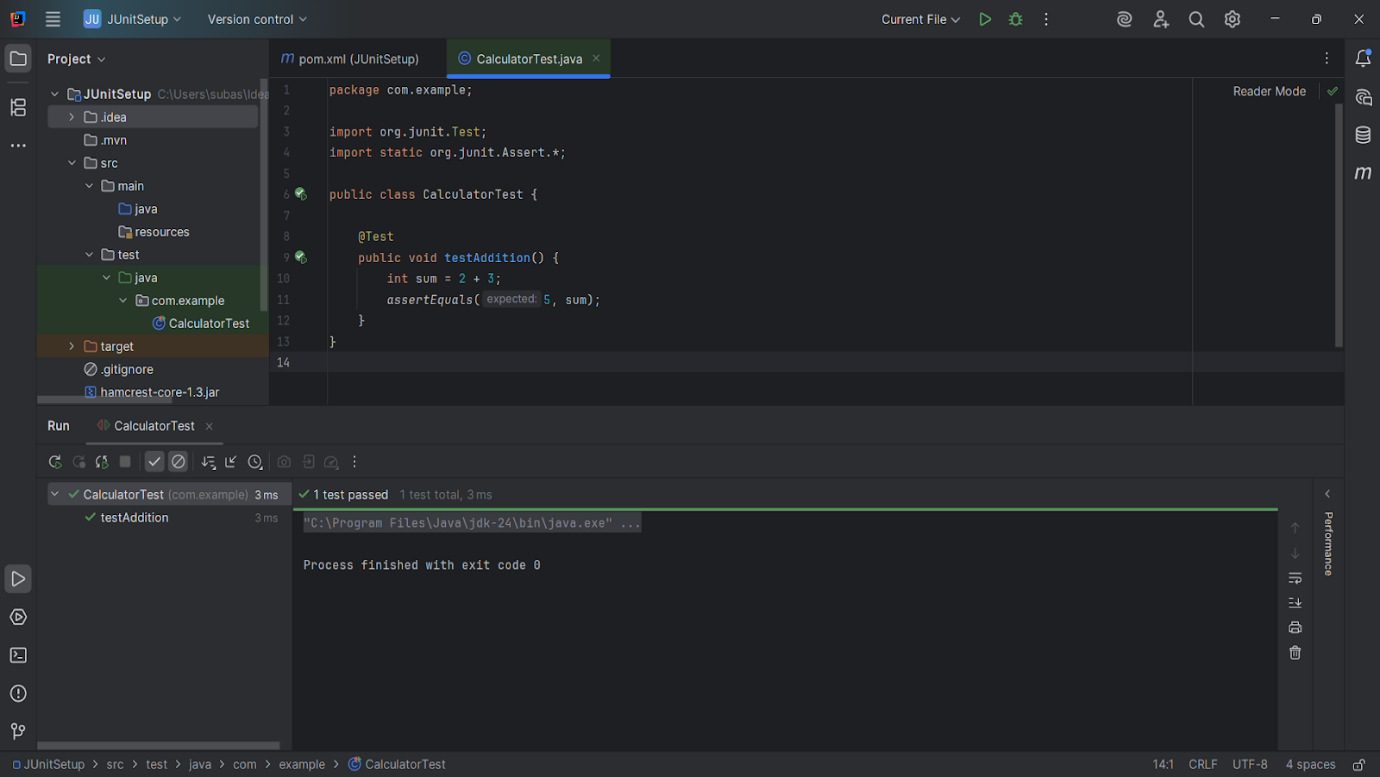
public int add(int a, int b) {

return a + b;

}

}

**OUTPUT :**

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