**Exercise 1: Setting Up JUnit**

Scenario:

You need to set up JUnit in your Java project to start writing unit tests.

Steps:

1. Create a new Java project in your IDE (e.g., IntelliJ IDEA, Eclipse).

2. Add JUnit dependency to your project. If you are using Maven, add the following to your

pom.xml:

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.13.2</version>

<scope>test</scope>

</dependency>

3. Create a new test class in your project

**Program:**

**Test.java**

package com.example;

import org.junit.Test;

import static org.junit.Assert.assertEquals;

public class MyFirstTest {

@Test

public void testAddition() {

int result = 2 + 3;

assertEquals(5, result);

}

}

**Output:**

