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

Exercise 1:

Setting Up JUnit Scenario:

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

**Steps:**

1. Created a new Java project in Eclipse named JUNITDEMO.
2. Added **JUnit 4.13.2** to the build path.
3. Wrote a simple Calculator class.
4. Created a JUnit test class CalculatorTest.

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

3. Create a new test class in your project.

// Calculator.java

public class Calculator {

public int add(int a, int b) {

return a + b;

}

}

// CalculatorTest.java

import static org.junit.Assert.\*;

import org.junit.Test;

public class CalculatorTest {

@Test

public void testAdd() {

Calculator calc = new Calculator();

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

}

}

OUTPUT:

