# **Calculator.java**

package com.example;

public class Calculator {

public int add(int a, int b) {

return a + b;

}

public int multiply(int a, int b) {

return a \* b;

}

}

# **CalculatorTest.java**

package com.example;

import static org.junit.Assert.assertEquals;

import org.junit.Test;

public class CalculatorTest {

@Test

public void testAdd() {

Calculator calc = new Calculator();

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

assertEquals(5, result);

}

@Test

public void testMultiply() {

Calculator calc = new Calculator();

int result = calc.multiply(4, 5);

assertEquals(20, result);

}

}

# **Output:**

