Exercise 1: Basic Unit Test for a Service Method

**CalculatorService.java:**

package com.example.springtest;

import org.springframework.stereotype.Service;

@Service

public class CalculatorService {

public int add(int a, int b) {

return a + b; } }

**CalculatorServiceTest.java:**

package com.example.springtest;

import org.junit.jupiter.api.Test;

import static org.junit.jupiter.api.Assertions.\*;

public class CalculatorServiceTest {

private final CalculatorService calculatorService = new CalculatorService();

@Test

void testAdd() {

int result = calculatorService.add(10, 20);

*assertEquals*(30, result); } }

**Output:**

