Exercise 1: Control Structures

Code:

Pom.xml

<dependencies>  
 <!-- JUnit 4 Dependency -->  
 <dependency>  
 <groupId>junit</groupId>  
 <artifactId>junit</artifactId>  
 <version>4.13.2</version>  
 <scope>test</scope>  
 </dependency>  
  
 <!-- (Optional) Needed for assertions like assertThat -->  
 <dependency>  
 <groupId>org.hamcrest</groupId>  
 <artifactId>hamcrest-core</artifactId>  
 <version>1.3</version>  
 <scope>test</scope>  
 </dependency>  
</dependencies>

Calculator.java

public class Calculator {  
 public int add(int a, int b) {  
 return a + b;  
 }  
}

CalculatorTest.java

import org.junit.Test;  
import static org.junit.Assert.\*;  
  
public class CalculatorTest {  
  
 @Test  
 public void testAdditionWithCalculator() {  
 Calculator calc = new Calculator();  
 int result = calc.add(4, 5);  
 System.*out*.println(result);  
 *assertEquals*(9, result);  
 }  
  
}

Output:

A computer screen with a black background

AI-generated content may be incorrect.