**Exercise 1: Parameterized Tests**

1. EvenChecker.java

package com.exercise1;

public class EvenChecker {

public boolean isEven(int number) {

return number % 2 == 0;

}

}

1. EventCheckerTest.java

package com.exercise1;

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

import org.junit.jupiter.params.ParameterizedTest;

import org.junit.jupiter.params.provider.ValueSource;

public class EvenCheckerTest {

*@ParameterizedTest*

*@ValueSource*(ints = {2, 4, 6, 100, 0, -2})

void testIsEvenWithEvenNumbers(int number) {

EvenChecker checker = new EvenChecker();

*assertTrue*(checker.isEven(number));

}

*@ParameterizedTest*

*@ValueSource*(ints = {1, 3, 5, -1, 99})

void testIsEvenWithOddNumbers(int number) {

EvenChecker checker = new EvenChecker();

*assertFalse*(checker.isEven(number));

}

}

Output:

A screenshot of a computer

AI-generated content may be incorrect.