**Exercise 2: Test Suites and Categories**

**Evenchecker.java**

package mypackage;

public class EvenChecker {

public boolean isEven(int number) {

return number % 2 == 0;

}

}

**EvenCheckerTest.java**

package mypackage;

import org.junit.jupiter.params.ParameterizedTest;

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

import static org.junit.jupiter.api.Assertions.assertTrue;

public class EvenCheckerTest {

EvenChecker checker = new EvenChecker();

@ParameterizedTest

@ValueSource(ints = {2, 4, 6, 8})

void testIsEven(int input) {

System.out.println("EvenChecker: Testing " + input);

assertTrue(checker.isEven(input));

}

}

**SimpleMathtest.java**

package mypackage;

import org.junit.jupiter.api.Test;

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

public class SimpleMathTest {

@Test

void additionTest() {

System.out.println("SimpleMathTest: additionTest()");

assertEquals(4, 2 + 2);

}

@Test

void multiplicationTest() {

System.out.println("SimpleMathTest: multiplicationTest()");

assertEquals(9, 3 \* 3);

}

}

**AllTest.java**

package mypackage;

import org.junit.platform.suite.api.SelectClasses;

import org.junit.platform.suite.api.Suite;

@Suite

@SelectClasses({

EvenCheckerTest.class,

SimpleMathTest.class

})

public class AllTests {

}



