JUNIT ADVANCED TESTING:

Exercise 2: Test Suites and Categories

CODE:

EvenChecker.java:

package example;

public class EvenChecker {

public boolean isEven(int number) {

return number % 2 == 0;

}

}

EvenCheckerTest.java:

package example;

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

import org.junit.jupiter.params.ParameterizedTest;

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

public class EvenCheckerTest {

EvenChecker evenChecker = new EvenChecker();

@ParameterizedTest

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

void testIsEven(int number) {

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

}

}

MathUtilsTest.java:

package example;

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

import org.junit.jupiter.api.Test;

public class MathUtilsTest {

@Test

void testAddition() {

*assertEquals*(5, 2 + 3);

}

@Test

void testMultiplication() {

*assertEquals*(6, 2 \* 3);

}

}

AllTests.java:

package example;

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

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

@Suite

@SelectClasses({

EvenCheckerTest.class,

MathUtilsTest.class

})

public class AllTests {

}

OUTPUT:

