Test driven development and Logging framework

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Exercise 3: Assertions in Junit

Pom.xml

<dependencies>

<dependency>

<groupId>org.junit.jupiter</groupId>

<artifactId>junit-jupiter</artifactId>

<version>5.10.0</version>

<scope>test</scope>

</dependency>

</dependencies>

AssertionsTest.java

package com.example.test;

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

import org.junit.jupiter.api.Test;

public class AssertionsTest {

@Test

public void testAssertions() {

assertEquals(5, 2 + 3);

System.out.println("✅ assertEquals passed");

assertTrue(5 > 3);

System.out.println("✅ assertTrue passed");

assertFalse(5 < 3);

System.out.println("✅ assertFalse passed");

assertNull(null);

System.out.println("✅ assertNull passed");

assertNotNull(new Object());

System.out.println("✅ assertNotNull passed");

}

}

Output:

A screenshot of a computer

Description automatically generated

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Description automatically generated