**Exercise 3: Assertions in Junit**

**Scenario: You need to use different assertions in JUnit to validate your test results.**

**1. Verified Project Setup**

* **Confirmed that the Maven project and JUnit dependency (version 4.13.2) were already set up as part of previous exercises.**
* **Verified that test classes are properly placed under src/test/java.**

**2. Created the Test Class: AssertionsTest**

* **Navigated to: src/test/java/com/example.**
* **Created a new Java class named: AssertionsTest.**

**3. Imported JUnit Assertions**

* **Imported all necessary static methods from org.junit.Assert for ease of use.**

**4. Wrote the Test Method Using Different Assertions**

package com.example;

import org.junit.jupiter.api.Test;

import static org.junit.Assert.\*;

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

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

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

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

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

public class AssertionsTest {

@Test

public void testAssertions() {

// Assert equals

assertEquals(5, 2 + 3);

// Assert true

assertTrue(5 > 3);

// Assert false

assertFalse(5 < 3);

// Assert null

assertNull(null);

// Assert not null

assertNotNull(new Object());

}

}

**Output:**

**A close-up of a computer screen

AI-generated content may be incorrect.**