JUnit Testing Exercises

**Exercise 3: Assertions in JUnit**

**Scenario :**

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

**AssertionsTest.java :**

package com.example;

import org.junit.Test;

import static org.junit.Assert.\*;

public class AssertionsTest {

*@Test*

public void testAssertions() {

// Assert equals

int sum = 2 + 3;

System.***out***.println("Sum of 2 + 3 = " + sum);

*assertEquals*(5, sum);

// Assert true

boolean isGreater = 5 > 3;

System.***out***.println("Is 5 > 3? " + isGreater);

*assertTrue*(isGreater);

// Assert false

boolean isLess = 5 < 3;

System.***out***.println("Is 5 < 3? " + isLess);

*assertFalse*(isLess);

// Assert null

Object obj1 = null;

System.***out***.println("Object 1 is null: " + (obj1 == null));

*assertNull*(obj1);

// Assert not null

Object obj2 = new Object();

System.***out***.println("Object 2 is not null: " + (obj2 != null));

*assertNotNull*(obj2);

System.***out***.println("✅ All assertions passed!");

}

}

**OUTPUT :**



