**JUnit Basic Testing Exercise**

* **Exercise 3: Assertions in JUnit**
* ***Scenario:***

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

* **Step 1-**
* Create a new test class in your project.
* Class name- AssertionsTest.java
* Path- src/test/java/org/example
* **Step 2-**

Write tests using various JUnit assertions.

* **assertEquals(expected, actual)** checks if values are equal.
* **assertTrue(condition)** expects true.
* **assertFalse(condition)** expects false.
* **assertNull(object)** checks if the object is null.
* **assertNotNull(object)** checks if the object is **not** null.

**Code:**

package org.example;

import org.junit.Test;

import static org.junit.Assert.\*;

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:***

