**Exercise 3: Assertions in Junit**

**Step 1: Check Your Project Setup**

**pom.xml contains the JUnit 4 dependency:**

**xml**

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.13.2</version>

<scope>test</scope>

</dependency>

**Step 2: Create the Test Class**

1. In IntelliJ, go to src/test/java
2. Right-click your package (e.g., com.example) → **New > Java Class**
3. Name it: AssertionsTest

**Code:**

package com.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());

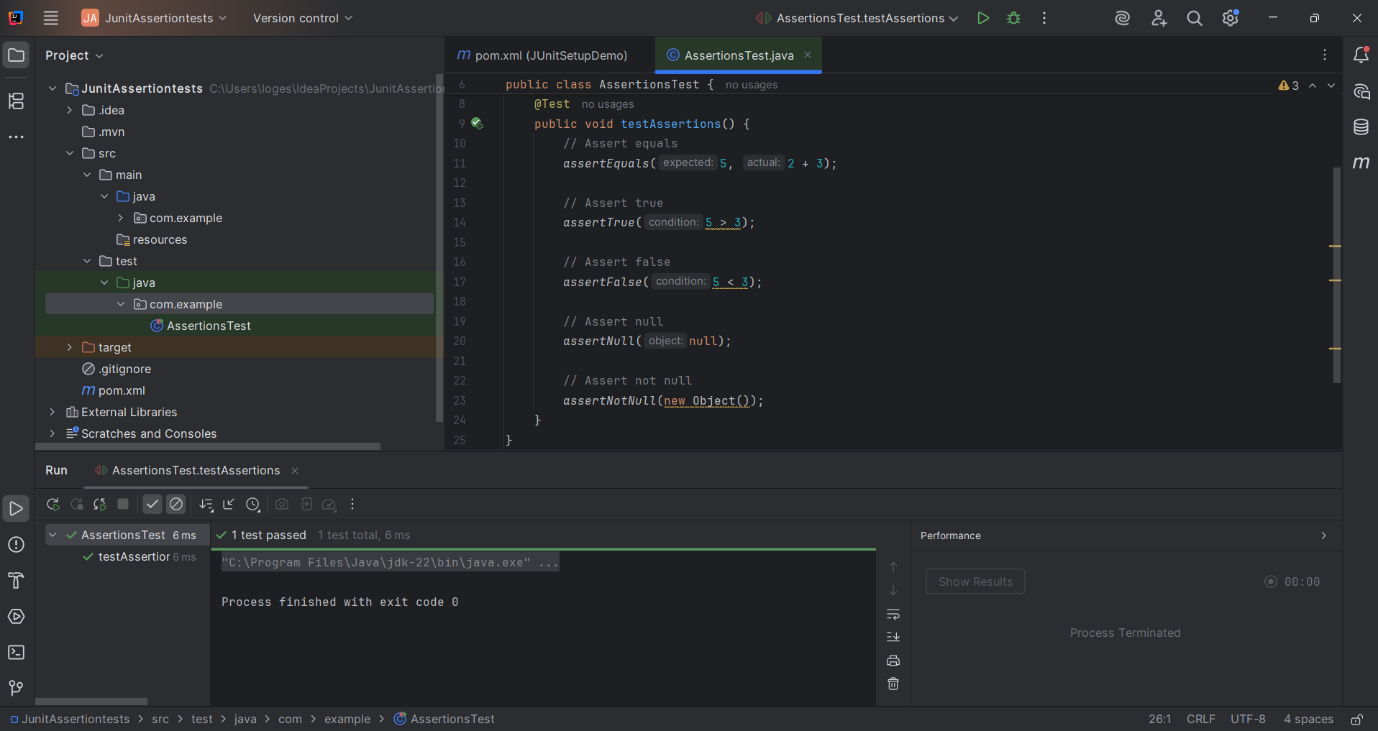
}

}

**Step 3: Run the Test**

* Right-click on AssertionsTest.java → **Run 'AssertionsTest'**

**Output ScreenShot:**

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