**JUnit Testing Exercises**

**Exercise 3: Assertions in JUnit**

Scenario:

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

Steps:

Solution Code:

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());

}

}

**CODE:**

AssertionTest.java

package org.example;  
import org.junit.Assert;  
import org.testng.annotations.Test;  
import static org.junit.Assert.\*;  
public class AssertionsTest {  
 @Test  
 public void testAssertions() {  
 *assertEquals*(5, 2 + 3);  
 *assertTrue*(5 > 3);  
 *assertFalse*(5 < 3);  
 *assertNull*(null);  
 *assertNotNull*(new Object());  
  
 System.*out*.println(" All assertions passed!");  
 }  
}

pom.xml

<project xmlns="http://maven.apache.org/POM/4.0.0"  
 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
 xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 <https://maven.apache.org/xsd/maven-4.0.0.xsd>">  
  
 <modelVersion>4.0.0</modelVersion>  
  
 <groupId>org.example</groupId>  
 <artifactId>Setting\_JUnit</artifactId>  
 <version>1.0-SNAPSHOT</version>  
  
 <dependencies>  
 <dependency>  
 <groupId>junit</groupId>  
 <artifactId>junit</artifactId>  
 <version>4.13.2</version>  
 <scope>test</scope>  
 </dependency>  
  
  
 </dependencies>  
</project>

**OUTPUT:**

