**2.JUnit\_Basic Testing Exercises**

**Exercise 3: Assertions in Junit**

**Exercise 3: Assertions in JUnit Scenario: You need to use different assertions in JUnit to validate your test results.**

**Steps: 1. Write tests using various JUnit assertions.**

**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());**

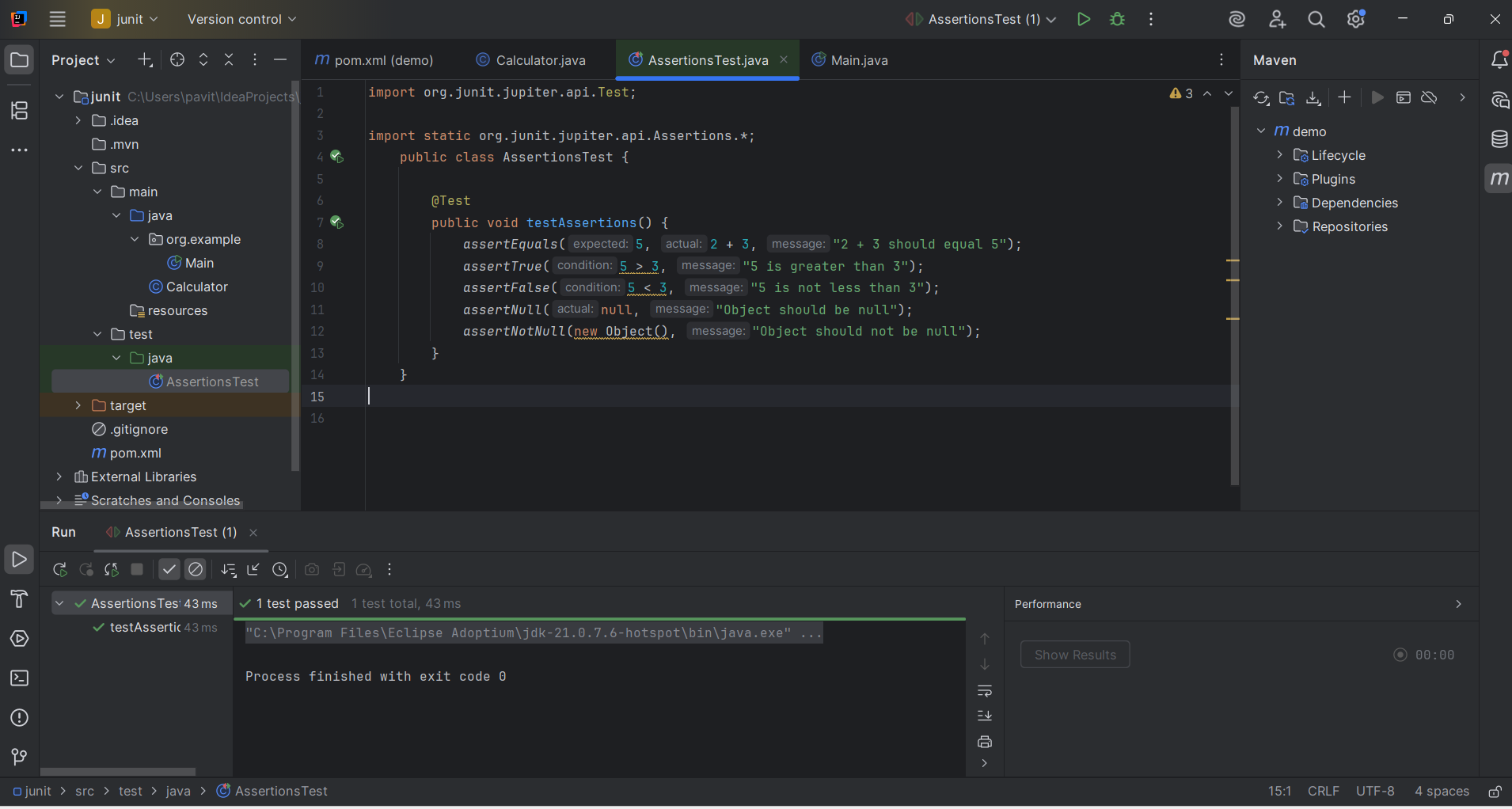
**}**

**}**

**CODE:**

import org.junit.jupiter.api.Test;  
import static org.junit.jupiter.api.Assertions.\*;  
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import static org.junit.jupiter.api.Assertions.\*;  
  
 public class AssertionsTest {  
 @Test  
 public void testAssertions() {  
 *assertEquals*(5, 2 + 3, "2 + 3 should equal 5");  
 *assertTrue*(5 > 3, "5 is greater than 3");  
 *assertFalse*(5 < 3, "5 is not less than 3");  
 *assertNull*(null, "Object should be null");  
 *assertNotNull*(new Object(), "Object should not be null");  
 }  
 }

**OUTPUT:**

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