

## Exercise 3: Assertions in Junit IN (IntelliJ)

FROM FILE 1. JUnit\_Basic Testing Exercises

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### **AssertionTest . class:**

```
package com.example;
import org.junit.Test;
import static org.junit.Assert.*;

public class AssertionTest {

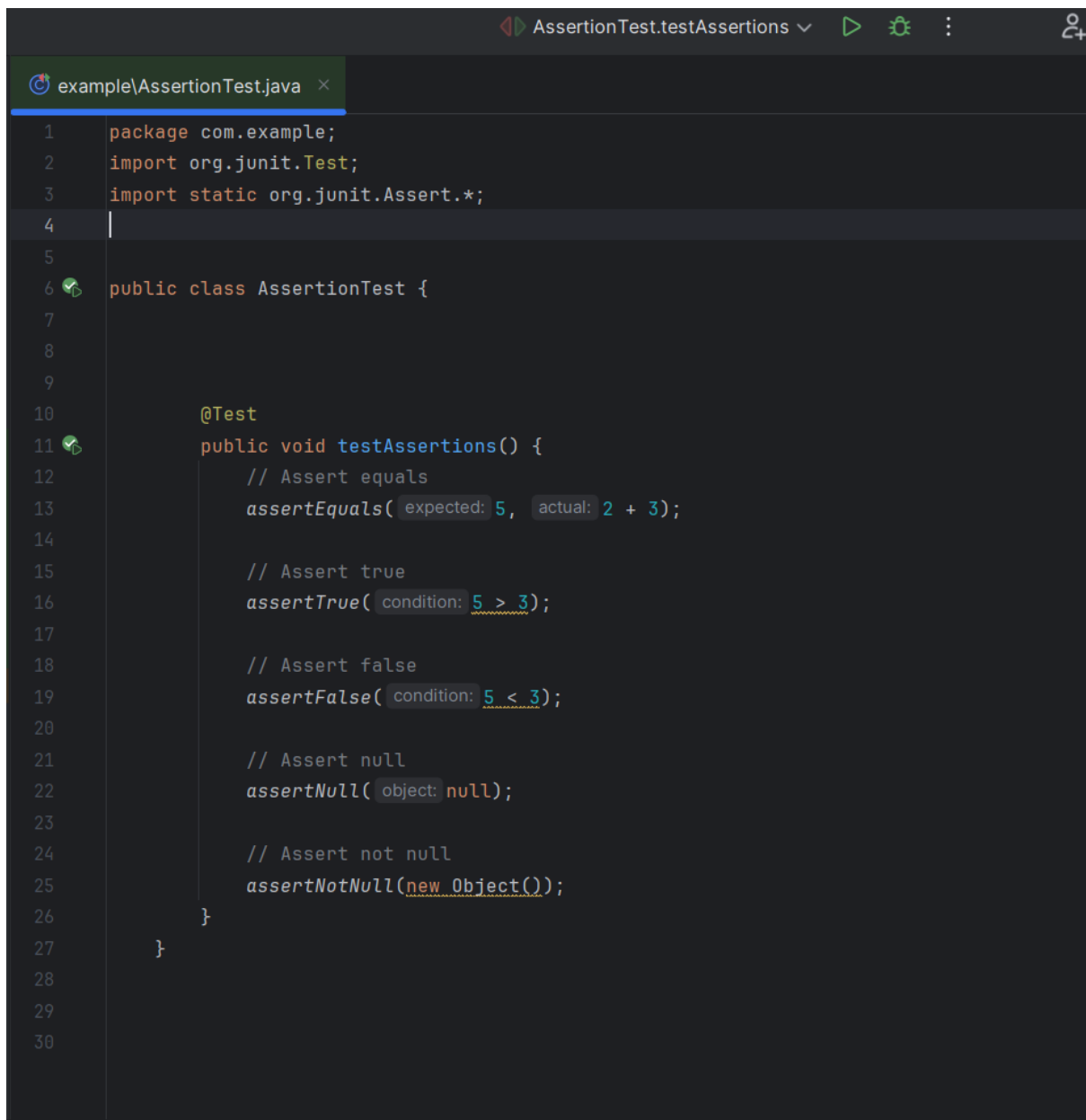
    @Test
    public void testAssertions() {
        // Assert equals
        assertEquals(5, 2 + 3);

        // Assert true
        assertTrue(5 > 3);

        // Assert false
        assertFalse(5 < 3);

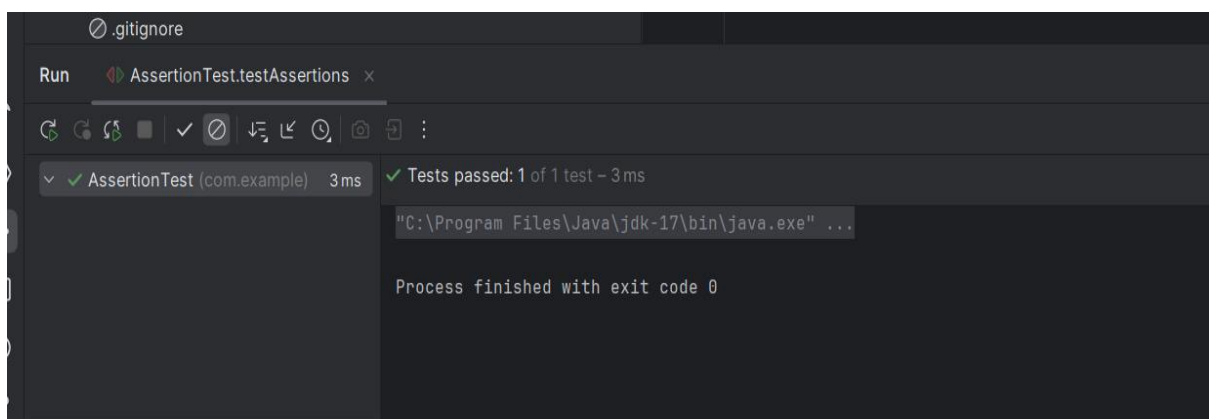
        // Assert null
        assertNull(null);

        // Assert not null
        assertNotNull(new Object());
    }
}
```



```
1 package com.example;
2 import org.junit.Test;
3 import static org.junit.Assert.*;
4
5
6 public class AssertionTest {
7
8
9
10     @Test
11     public void testAssertions() {
12         // Assert equals
13         assertEquals( expected: 5, actual: 2 + 3);
14
15         // Assert true
16         assertTrue( condition: 5 > 3);
17
18         // Assert false
19         assertFalse( condition: 5 < 3);
20
21         // Assert null
22         assertNull( object: null);
23
24         // Assert not null
25         assertNotNull(new Object());
26     }
27 }
28
29
30
```

Output:



```
.gitignore
Run AssertionTest.testAssertions x
[Icons]
v AssertionTest (com.example) 3ms ✓ Tests passed: 1 of 1 test - 3ms
"C:\Program Files\Java\jdk-17\bin\java.exe" ...
Process finished with exit code 0
```