JUnit Testing Exercises

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());
}
                                                        □ □ AppTest.java ×
           ₽ackage Explorer
                                 1 package Junit.Junit;
           inished after 0.284 seconds
                                                                 3⊝ import static org.junit.jupiter.api.Assertions.*;
                                           ■ Failures: 0
                                                                   import org.junit.jupiter.api.Test;
                                                                         @Test
           > AppTest [Runner: JUnit 5] (0.052 s)
                                                                           public void testAssertions() {
                                                                              // Assert equals
assertEquals(5, 2 + 3);
                                                                              // Assert true
assertTrue(5 > 3);
                                                                              // Assert false
                                                                              assertFalse(5 < 3);</pre>
                                                                              // Assert null
assertNull(null);
                                                                              // Assert not null
                                                                              assertNotNull(new Object());
           Failure Trace
```