WEEK:2

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:

package com.klef.cts.springboot;

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 not null

String str = "JUnit";

assertNotNull(str);

// Assert null

String str2 = null;

assertNull(str2);

// Assert same

String s1 = "test";

String s2 = s1;

assertSame(s1, s2);

// Assert not same

String s3 = new String("test");

assertNotSame(s1, s3);

}

}