**Exercise 3: Assertions in Junit**

**Code:**

package com.example;

import org.junit.Test;

import static org.junit.Assert.\*;

public class AssertionsTest {

@Test

public void testAssertions() {

// Assert that two values are equal

assertEquals("Expected sum to be 5", 5, 2 + 3);

// Assert that a condition is true

assertTrue("5 is greater than 3", 5 > 3);

// Assert that a condition is false

assertFalse("5 is not less than 3", 5 < 3);

// Assert that an object is null

Object obj1 = null;

assertNull("Object should be null", obj1);

// Assert that an object is not null

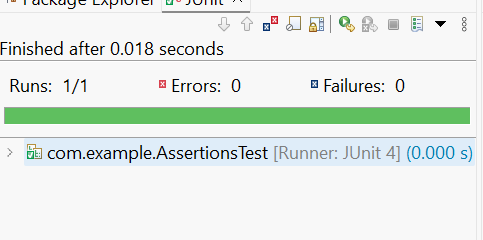
Object obj2 = new Object();

assertNotNull("Object should not be null", obj2);

}

}

**Output:**

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