import org.junit.jupiter.api.Test;

import static org.junit.jupiter.api.Assertions.\*;

public class AssertionsDemoTest {

@Test

public void testAssertions() {

// 1. Equality assertion

assertEquals(4, 2 + 2);

// 2. Identity assertion

String firstString = "hello";

String secondString = "hello";

assertSame(firstString, secondString);

// 3. Boolean assertions

assertTrue(5 > 2);

assertFalse(2 > 5);

// 4. Nullity assertions

String nullString = null;

assertNull(nullString);

String notNullString = "Not null";

assertNotNull(notNullString);

// 5. Array content assertions

int[] expectedArray = {1, 2, 3};

int[] resultArray = {1, 2, 3};

assertArrayEquals(expectedArray, resultArray);

}

}