JUNIT ADVANCED TESTING:

Exercise 4: Exception Testing

CODE:

ExceptionThrower.java:

package example;

public class ExceptionThrower {

public void throwException(String input) {

if (input == null) {

throw new IllegalArgumentException("Input cannot be null");

}

System.out.println("Valid input: " + input);

}

}

ExceptionThrowerTest.java:

package example;

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

import org.junit.jupiter.api.Test;

public class ExceptionThrowerTest {

ExceptionThrower thrower = new ExceptionThrower();

@Test

void testThrowsExceptionWhenInputIsNull() {

assertThrows(IllegalArgumentException.class, () -> {

thrower.throwException(null);

});

}

@Test

void testDoesNotThrowExceptionForValidInput() {

assertDoesNotThrow(() -> {

thrower.throwException("hello");

});

}

}

OUTPUT:

