**Exercise 4: Exception Testing**

1. ExceptionThrower.java

package com.exercise4;

public class ExceptionThrower {

public void throwException(String input) {

if (input == null) {

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

}

System.***out***.println("Input: " + input);

}

}

1. ExceptionThrowerTest.java

package com.exercise4;

import org.junit.jupiter.api.Test;

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

public class ExceptionThrowerTest {

*@Test*

void testThrowException\_withNullInput() {

ExceptionThrower et = new ExceptionThrower();

Exception exception = *assertThrows*(IllegalArgumentException.class, () -> {

et.throwException(null);

});

*assertEquals*("Input cannot be null", exception.getMessage());

}

*@Test*

void testThrowException\_withValidInput() {

ExceptionThrower et = new ExceptionThrower();

*assertDoesNotThrow*(() -> et.throwException("JUnit"));

}

}

Output:

A computer screen shot of a program

AI-generated content may be incorrect.