**CODE:**

package com.example;

public class ExceptionThrower {

public void throwException(int number) {

if (number < 0) {

throw new IllegalArgumentException("Number must be non-negative");

}

// Else: no exception

System.out.println("Number is: " + number);

}

}

package com.example;

import org.junit.jupiter.api.Test;

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

class ExceptionThrowerTest {

ExceptionThrower thrower = new ExceptionThrower();

@Test

void testThrowsExceptionForNegativeNumber() {

// ✅ This should throw IllegalArgumentException

assertThrows(IllegalArgumentException.class, () -> {

thrower.throwException(-5);

});

}

@Test

void testNoExceptionForPositiveNumber() {

// ✅ This should NOT throw any exception

assertDoesNotThrow(() -> {

thrower.throwException(10);

});

}

}

<project xmlns="http://maven.apache.org/POM/4.0.0"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>com.example</groupId>

<artifactId>exceptiontest</artifactId>

<version>0.0.1-SNAPSHOT</version>

<dependencies>

<!-- ✅ JUnit 5 -->

<dependency>

<groupId>org.junit.jupiter</groupId>

<artifactId>junit-jupiter</artifactId>

<version>5.10.0</version>

<scope>test</scope>

</dependency>

</dependencies>

<build>

<plugins>

<!-- ✅ To enable JUnit 5 -->

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-surefire-plugin</artifactId>

<version>3.1.2</version>

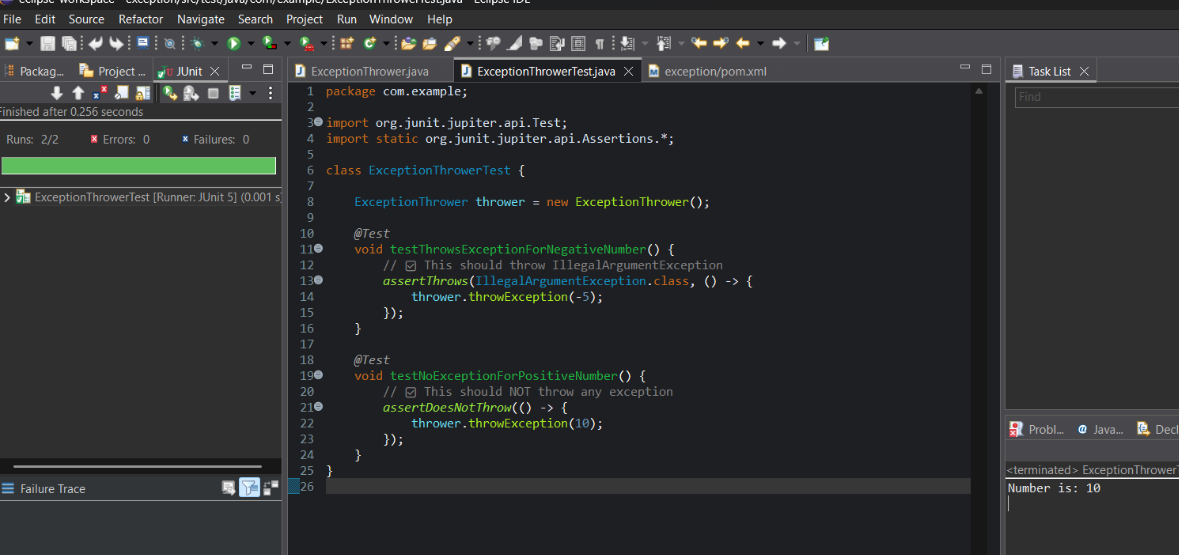
</plugin>

</plugins>

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</project>

**OUTPUT:**

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