**CODE:**

eclipse.preferences.version=1

org.eclipse.jdt.core.compiler.codegen.targetPlatform=1.8

org.eclipse.jdt.core.compiler.compliance=1.8

org.eclipse.jdt.core.compiler.problem.enablePreviewFeatures=disabled

org.eclipse.jdt.core.compiler.problem.forbiddenReference=warning

org.eclipse.jdt.core.compiler.problem.reportPreviewFeatures=ignore

org.eclipse.jdt.core.compiler.release=disabled

org.eclipse.jdt.core.compiler.source=1.8

activeProfiles=

eclipse.preferences.version=1

resolveWorkspaceProjects=true

version=1

package com.example;

public class Calculator1 {

public int add(int a, int b) {

return a + b;

}

public int subtract(int a, int b) {

return a - b;

}

public int multiply(int a, int b) {

return a \* b;

}

public int divide(int a, int b) {

if (b == 0) throw new IllegalArgumentException("Cannot divide by zero");

return a / b;

}

}

package com.example;

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

import org.junit.jupiter.api.Test;

class Calculator1Test {

Calculator1 calc = new Calculator1();

@Test

void testAdd() {

assertEquals(7, calc.add(3, 4));

}

@Test

void testSubtract() {

assertEquals(2, calc.subtract(5, 3));

}

@Test

void testMultiply() {

assertEquals(15, calc.multiply(5, 3));

}

@Test

void testDivide() {

assertEquals(2, calc.divide(10, 5));

}

@Test

void testDivideByZero() {

assertThrows(IllegalArgumentException.class, () -> {

calc.divide(8, 0);

});

}

}

<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>MathDemo</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>

<!-- ✅ Maven Surefire Plugin for running tests -->

<plugin>

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

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

<version>3.1.2</version>

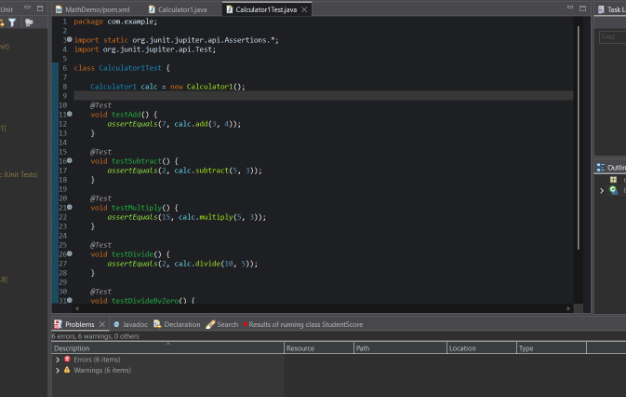
</plugin>

</plugins>

</build>

</project>

**OUTPUT:**

****