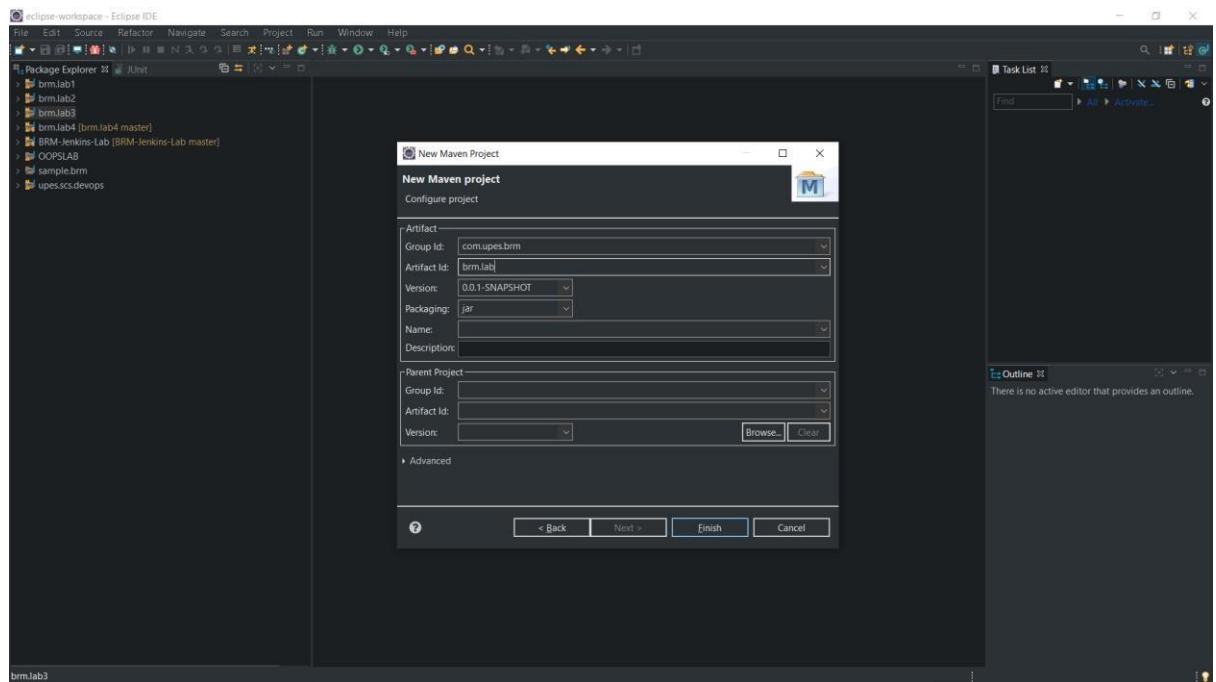
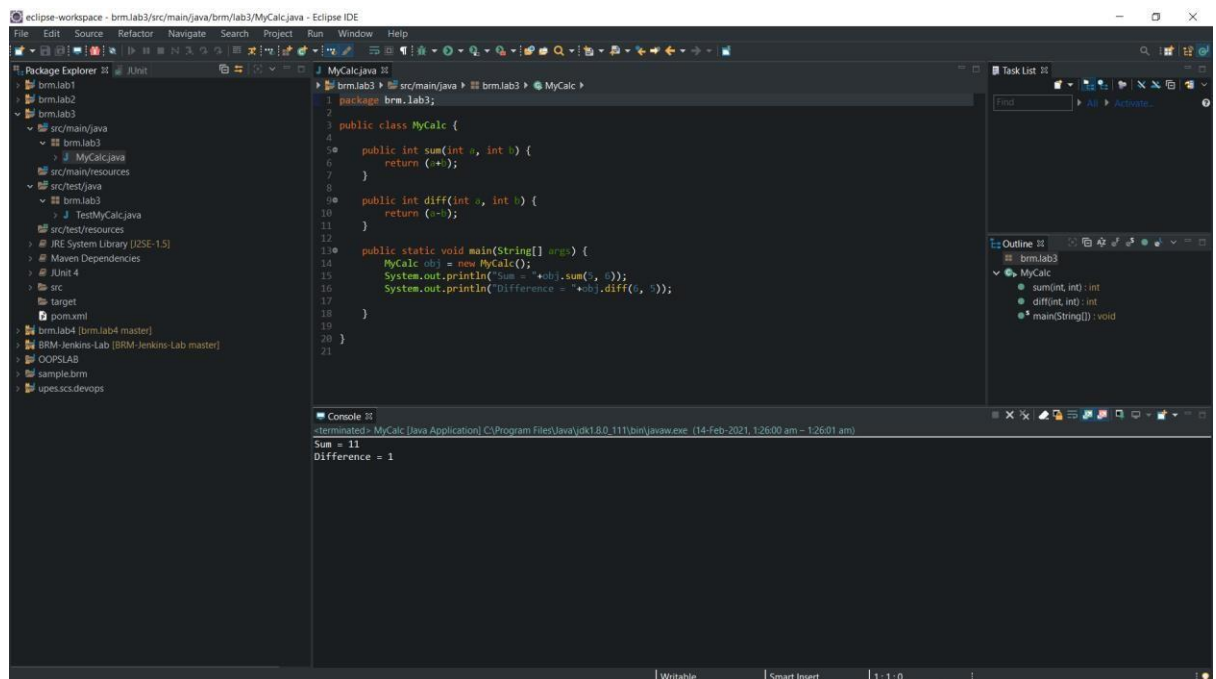


BRM LAB-3

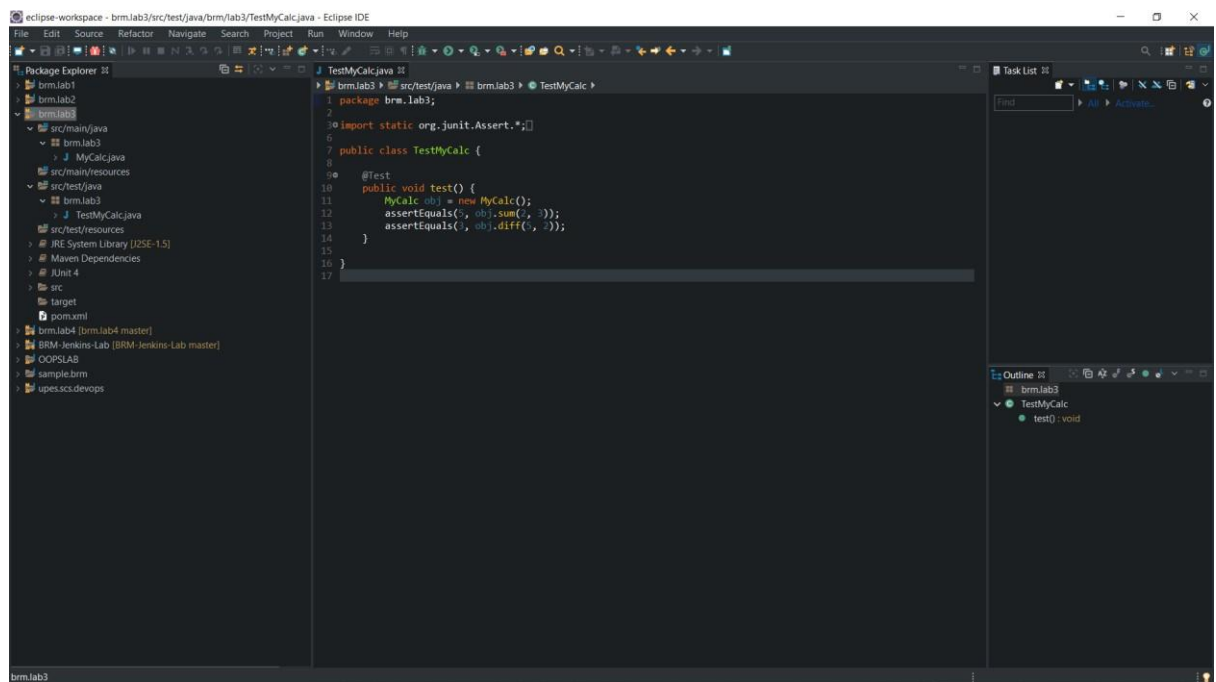
Create a simple maven project



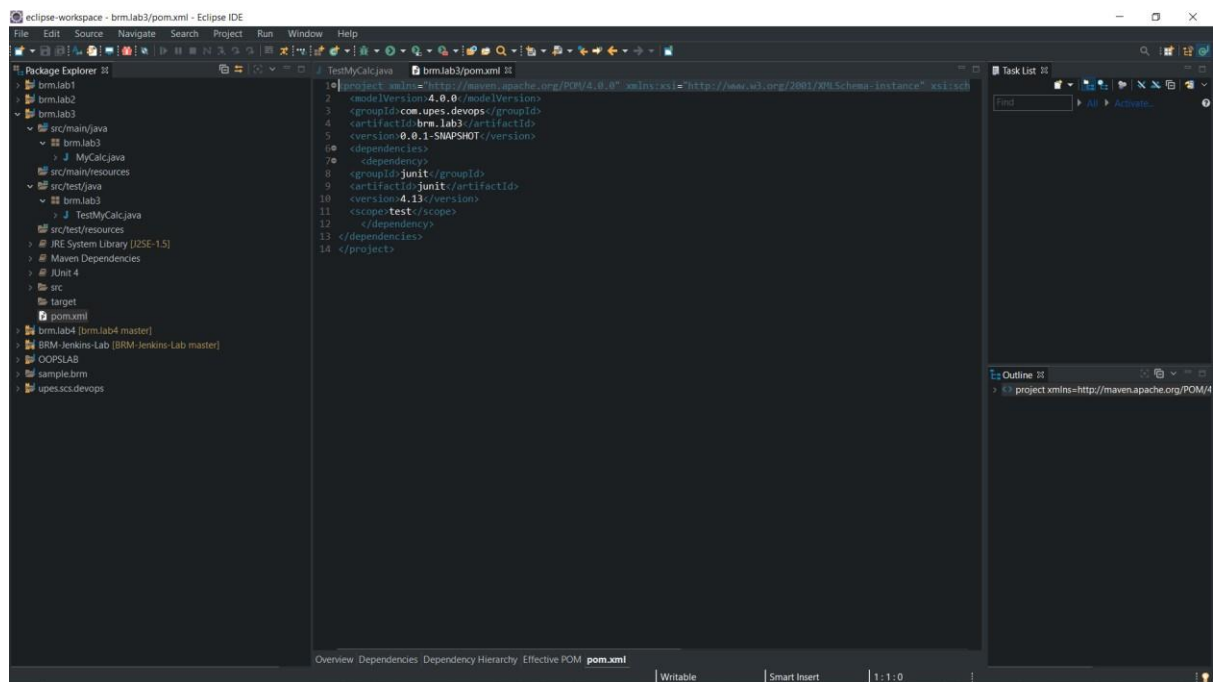
Create a class in the maven project



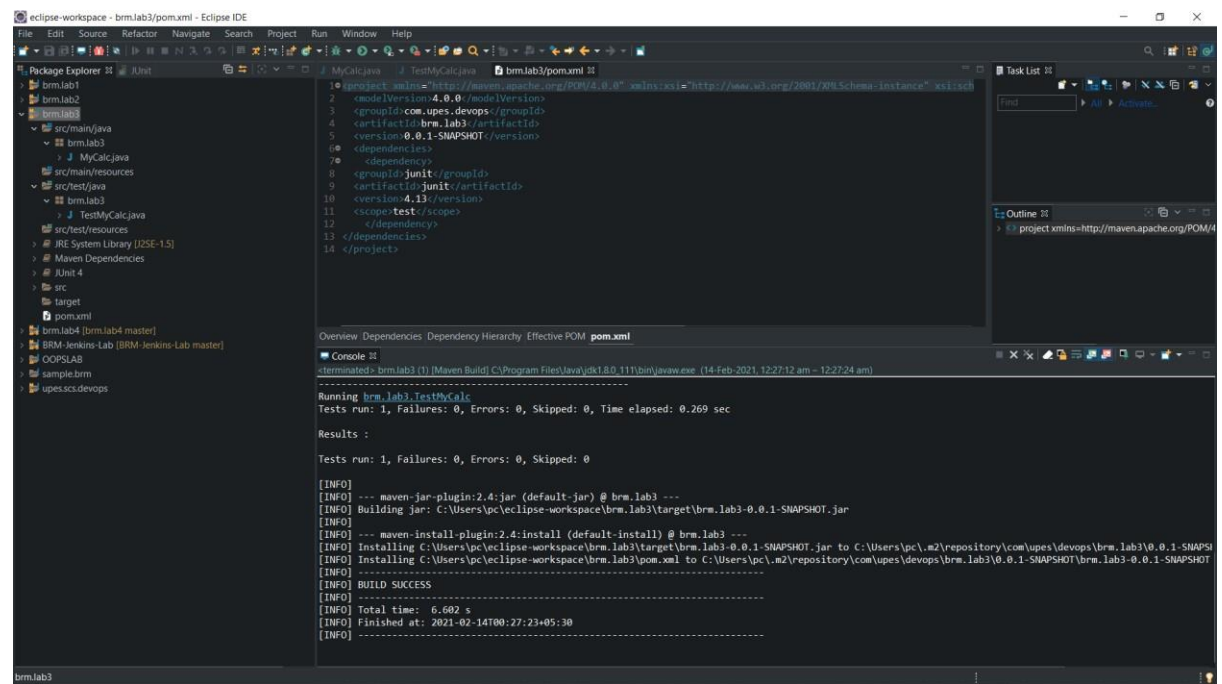
Create a JUnit test case in the project



Edit the pom.xml



Run the following maven goals



The screenshot shows the Eclipse IDE interface with the Maven Goals view open for the `brm.lab3` project. The `TestMyCalc` goal is selected, and the console output shows the execution of the `test` goal. The output indicates that the tests were run successfully, with no failures or errors.

```
project.xml<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 http://maven.apache.org/maven-v4_0_0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>com.upes.devs</groupId>
  <artifactId>brm.lab3</artifactId>
  <version>0.0.1-SNAPSHOT</version>
  <dependencies>
    <dependency>
      <groupId>junit</groupId>
      <artifactId>junit</artifactId>
      <version>4.13</version>
      <scope>test</scope>
    </dependency>
  </dependencies>
</project>
```

```
Overview Dependencies Dependency Hierarchy Effective POM pom.xml

Console
[terminated] brm.lab3 (1) [Maven Build] C:\Program Files\Java\jdk1.8.0_111\bin\java.exe (14-Feb-2021 12:27:12 am - 12:27:24 am)

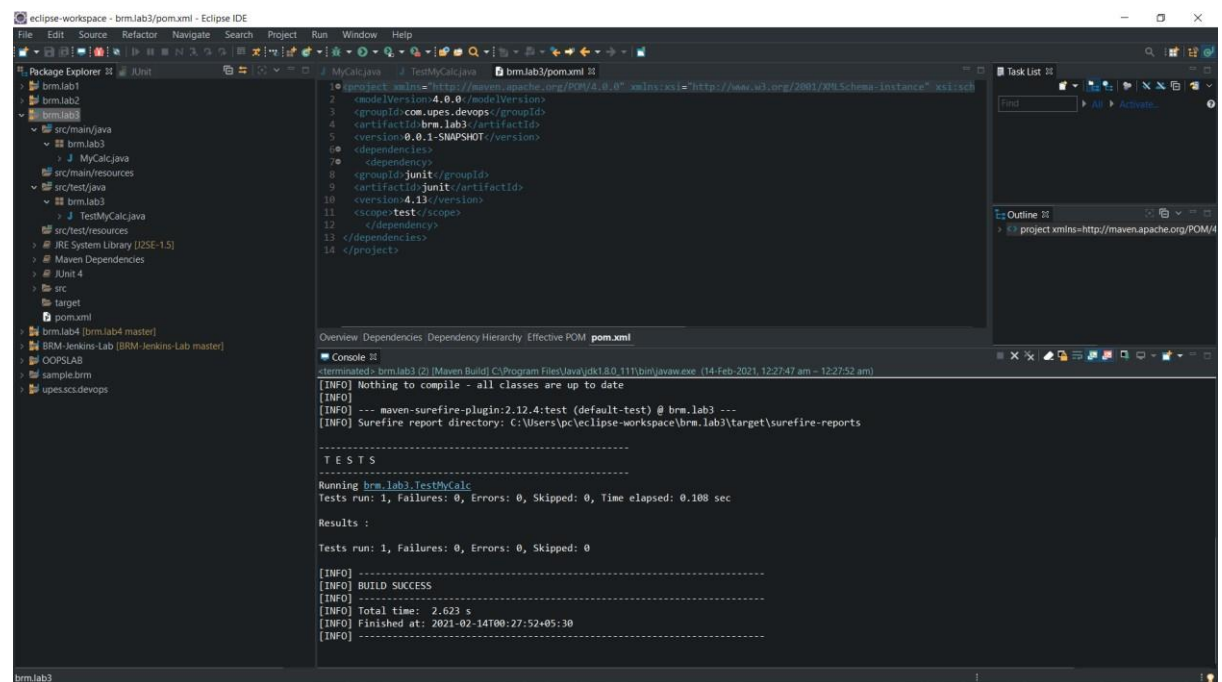
Running brm.lab3.TestMyCalc
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.269 sec

Results :

Tests run: 1, Failures: 0, Errors: 0, Skipped: 0

[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ brm.lab3 ---
[INFO] Building jar: C:\Users\pc\workspace\brm.lab3\target\brm.lab3-0.0.1-SNAPSHOT.jar
[INFO] --- maven-install-plugin:2.4:install (default-install) @ brm.lab3 ---
[INFO] Installing C:\Users\pc\workspace\brm.lab3\target\brm.lab3-0.0.1-SNAPSHOT.jar to C:\Users\pc\.m2\repository\com\upes\devs\brm.lab3\0.0.1-SNAPSHOT\brm.lab3-0.0.1-SNAPSHOT.jar
[INFO] BUILD SUCCESS
[INFO] Total time: 6.602 s
[INFO] Finished at: 2021-02-14T00:27:23+05:30
[INFO]
```

Test



The screenshot shows the Eclipse IDE interface with the Maven Goals view open for the `brm.lab3` project. The `TestMyCalc` goal is selected, and the console output shows the execution of the `test` goal. The output indicates that the tests were run successfully, with no failures or errors.

```
project.xml<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 http://maven.apache.org/maven-v4_0_0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>com.upes.devs</groupId>
  <artifactId>brm.lab3</artifactId>
  <version>0.0.1-SNAPSHOT</version>
  <dependencies>
    <dependency>
      <groupId>junit</groupId>
      <artifactId>junit</artifactId>
      <version>4.13</version>
      <scope>test</scope>
    </dependency>
  </dependencies>
</project>
```

```
Overview Dependencies Dependency Hierarchy Effective POM pom.xml

Console
[terminated] brm.lab3 (2) [Maven Build] C:\Program Files\Java\jdk1.8.0_111\bin\java.exe (14-Feb-2021 12:27:47 am - 12:27:52 am)

[INFO] Nothing to compile - all classes are up to date
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ brm.lab3 ---
[INFO] Surefire report directory: C:\Users\pc\workspace\brm.lab3\target\surefire-reports

T E S T S
-----
Running brm.lab3.TestMyCalc
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.108 sec

Results :

Tests run: 1, Failures: 0, Errors: 0, Skipped: 0

[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ brm.lab3 ---
[INFO] BUILD SUCCESS
[INFO] Total time: 2.623 s
[INFO] Finished at: 2021-02-14T00:27:52+05:30
[INFO]
```