Build And Release Management

Lab-3

Date: 04-02-21

**Task 1 ->** Create a simple MyCalc java

program

**Task 2->** Create A Junit Test Class

Goto new->goto new class -> JunitClass(not suit)

Run it as Junit (option near run as java application)

See it fails or not

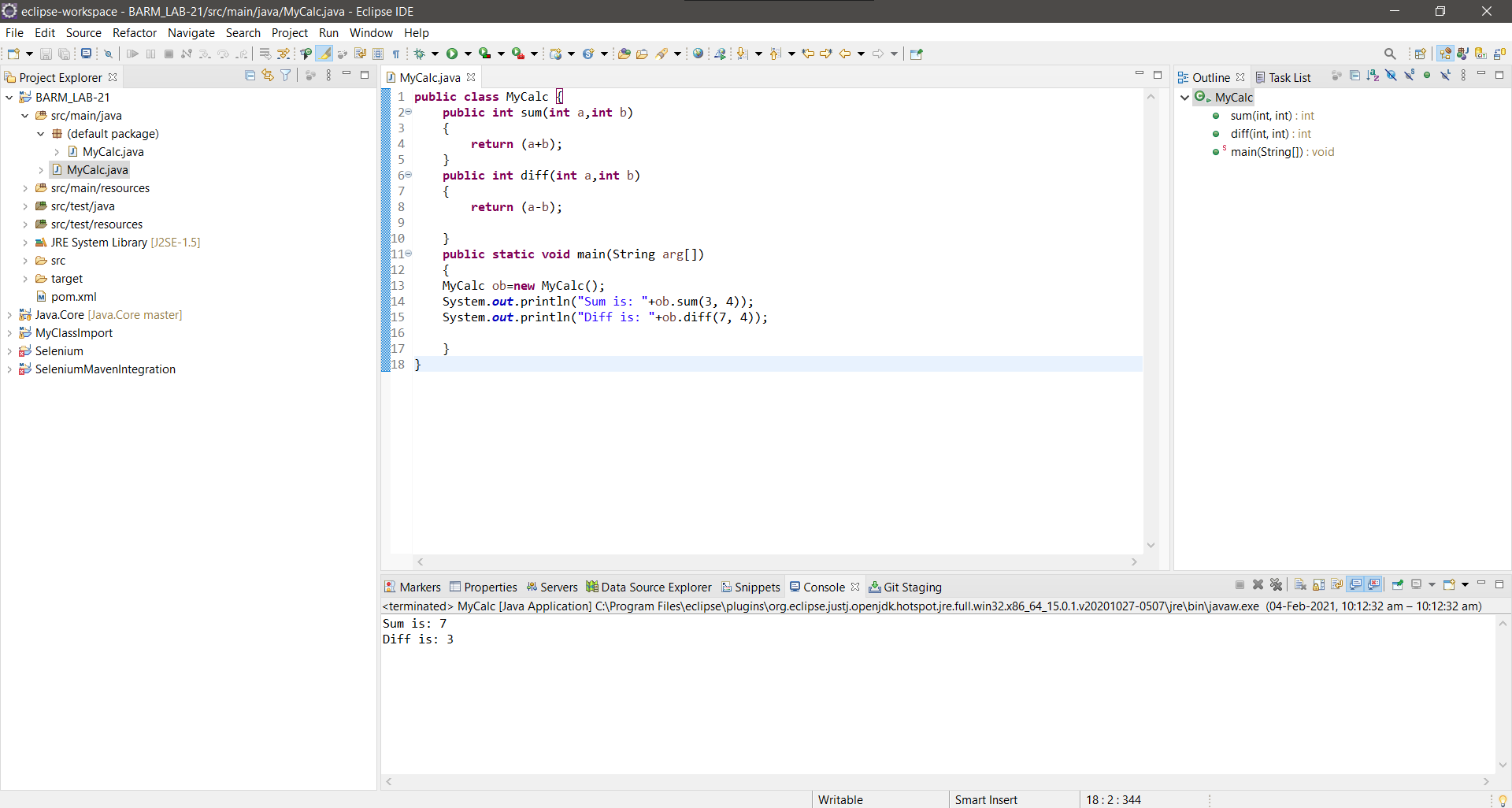
Task 3-> give maven JUnit dependencies

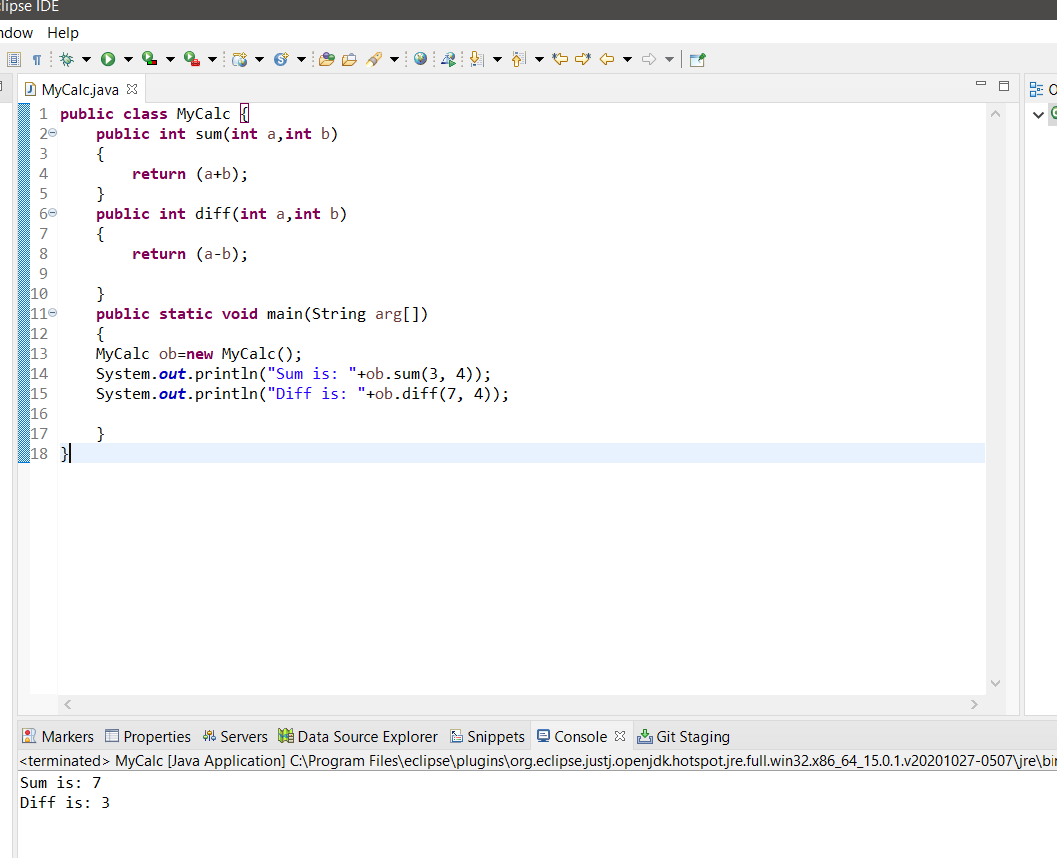
In pom.xml

Now Create a build file through maven

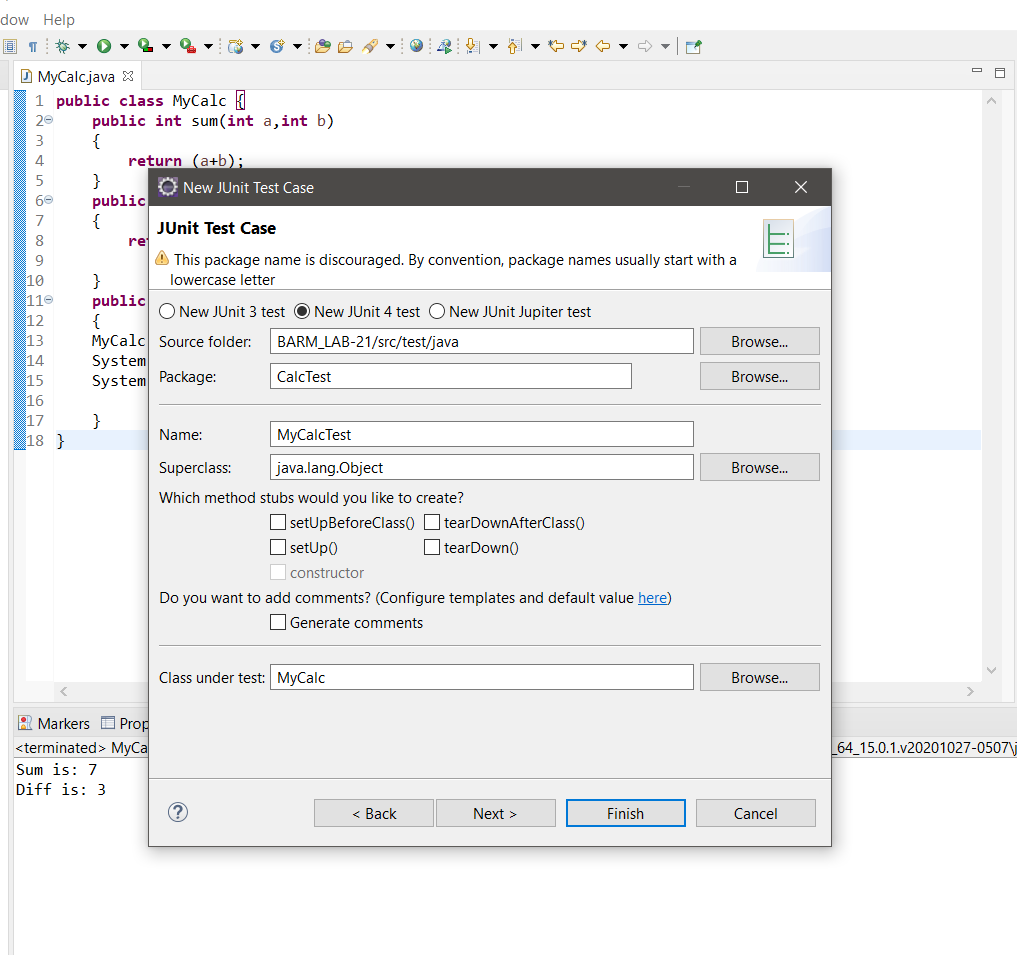
Clean->install->test (goals)

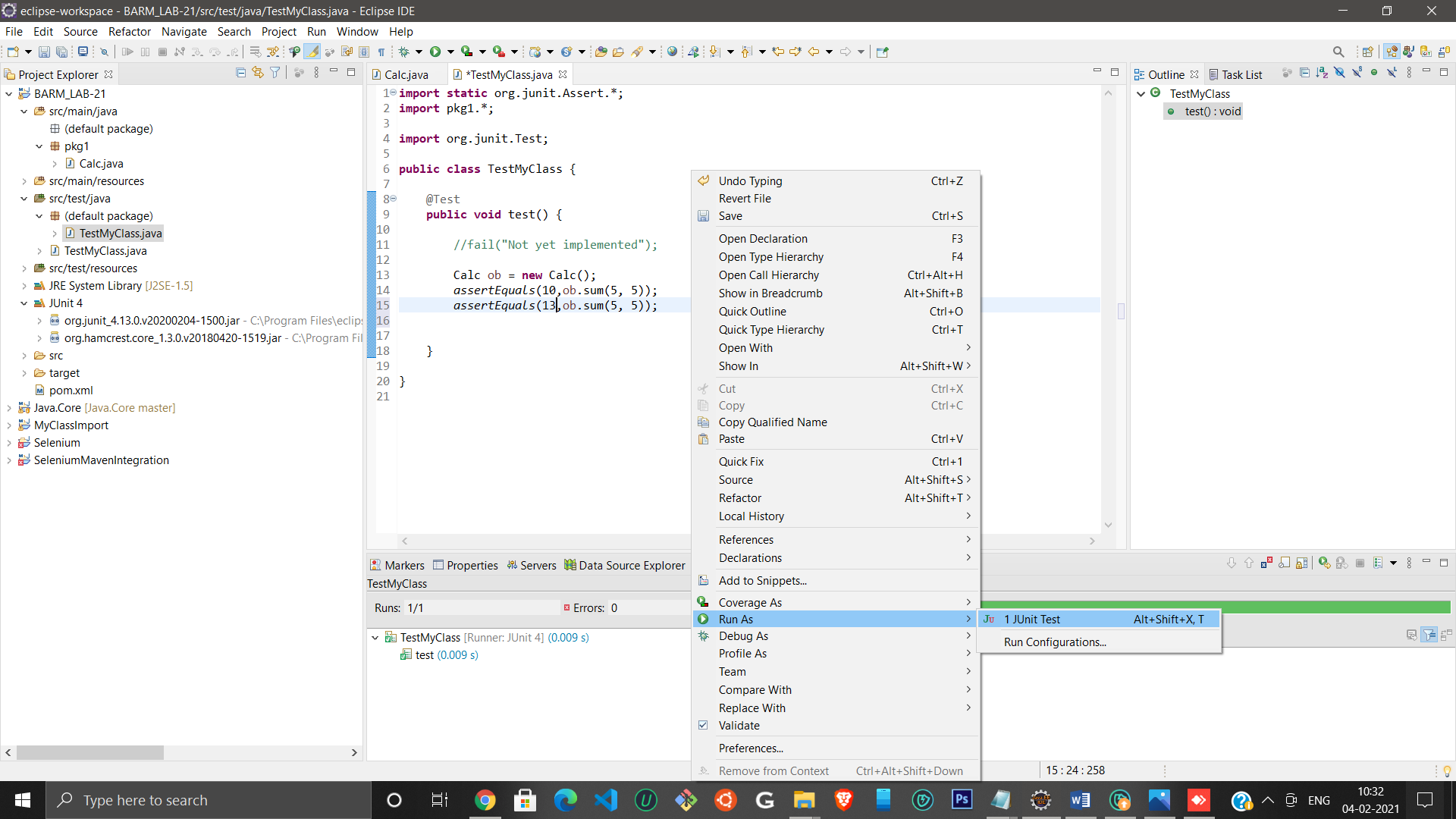
Task 4-> Build Maven project (goal -> test)

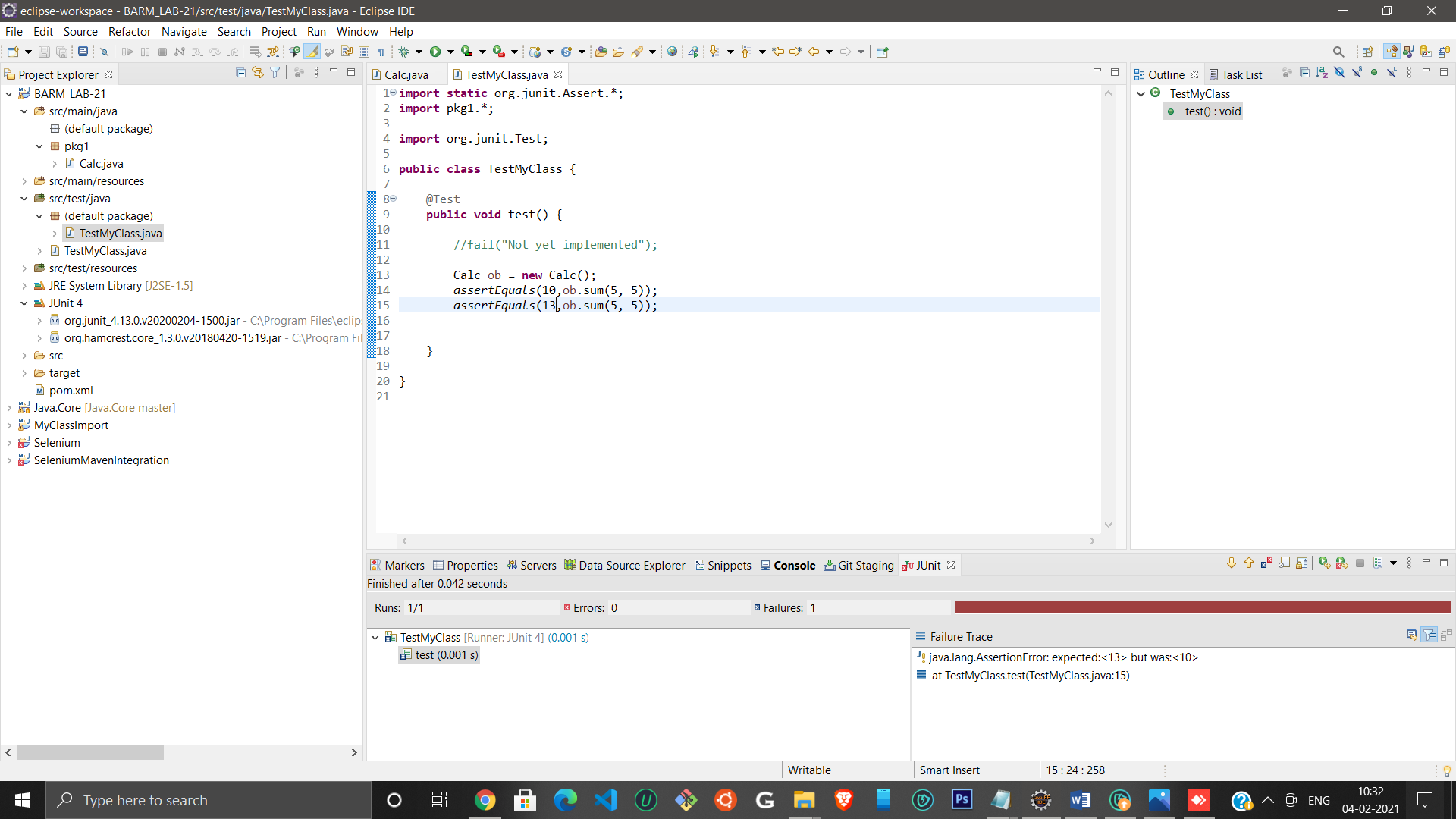
**Task 1 ->** 



Task 2->







Task -> 3

Pom.xml Dependencies:

<dependencies>

<dependency>

  <groupId>junit</groupId>

  <artifactId>junit</artifactId>

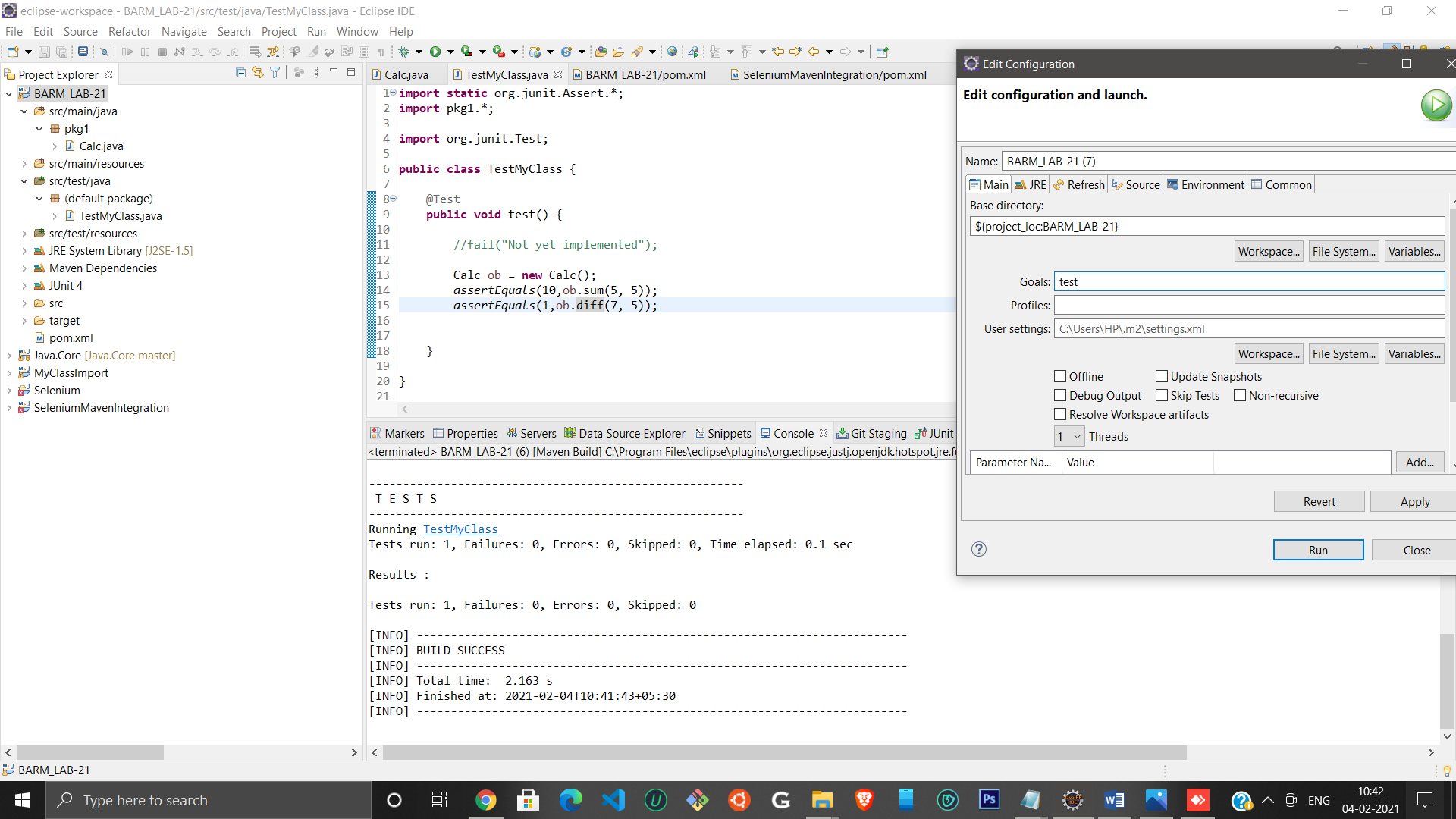
  <version>4.13</version>

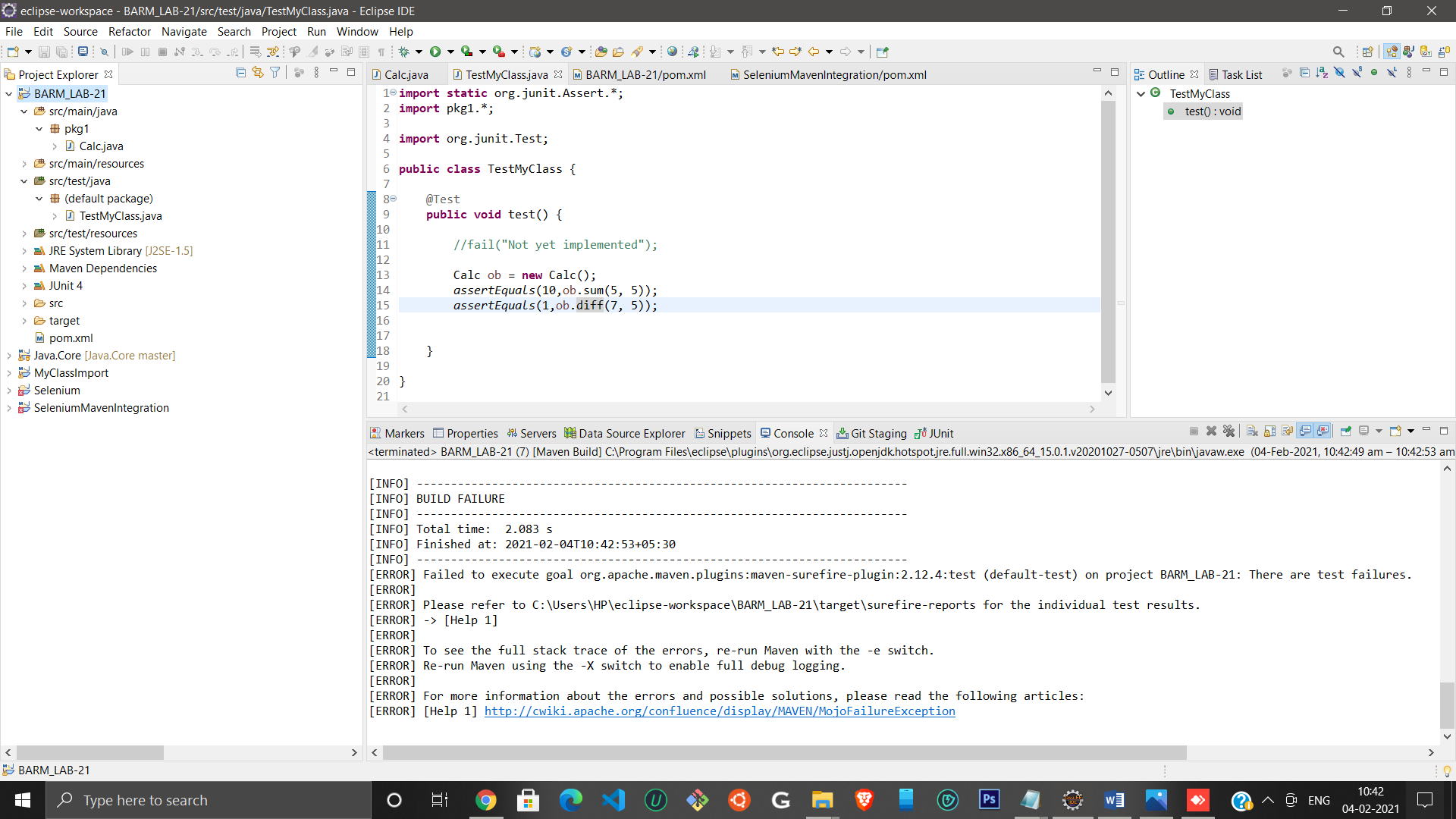
  <scope>test</scope>

</dependency>

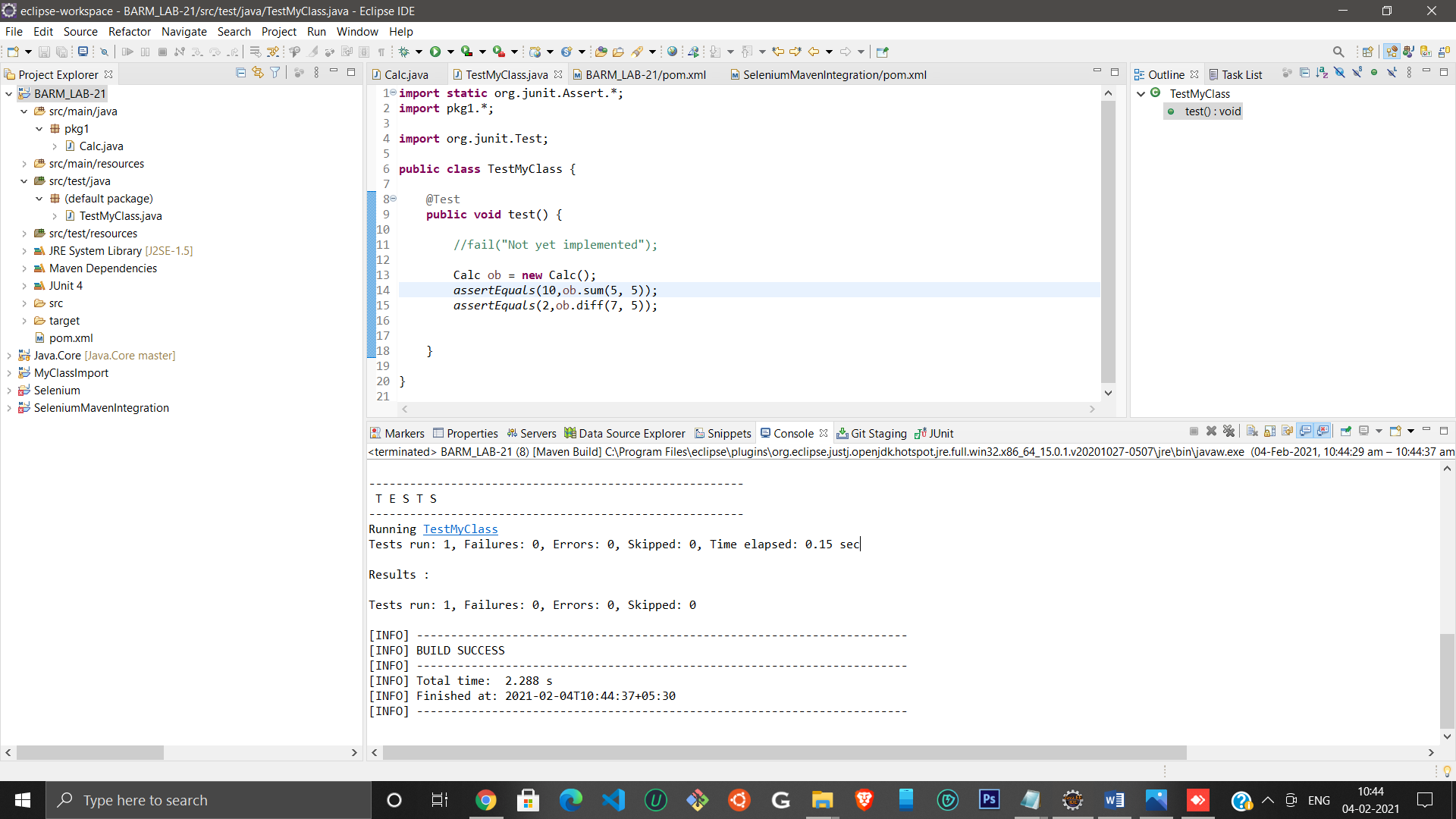
</dependencies>

Task ->4





Note: If test condition failed in JUnit test then test (goal) will get a build failure.



Build successful after test conditions are satisfied