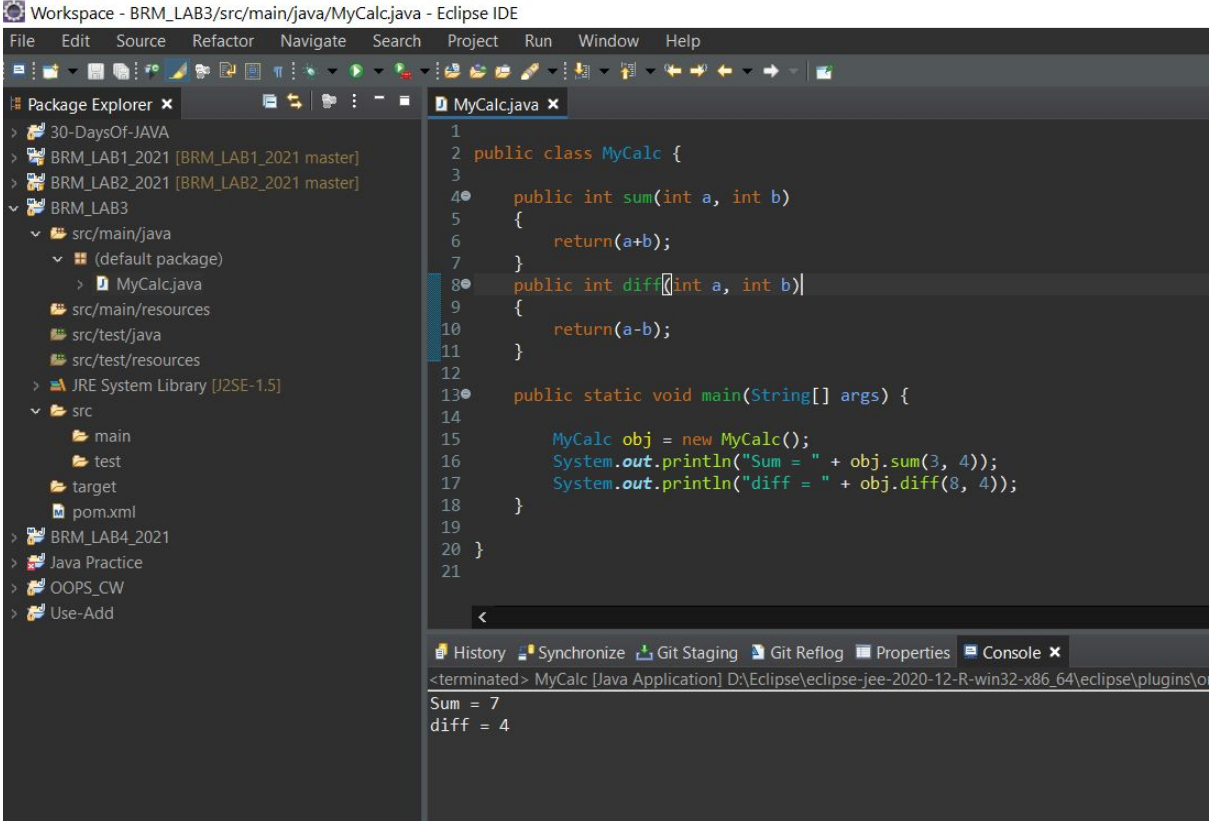# EXPERIMENT - 3

NAME: **SUNNY RAJ**
ROLL NO: **R171219036**
SAP ID: **500075877**
BATCH: **DEVOPS**
SEMESTER: **4**

AIM: Building a project and running automated test with Junit

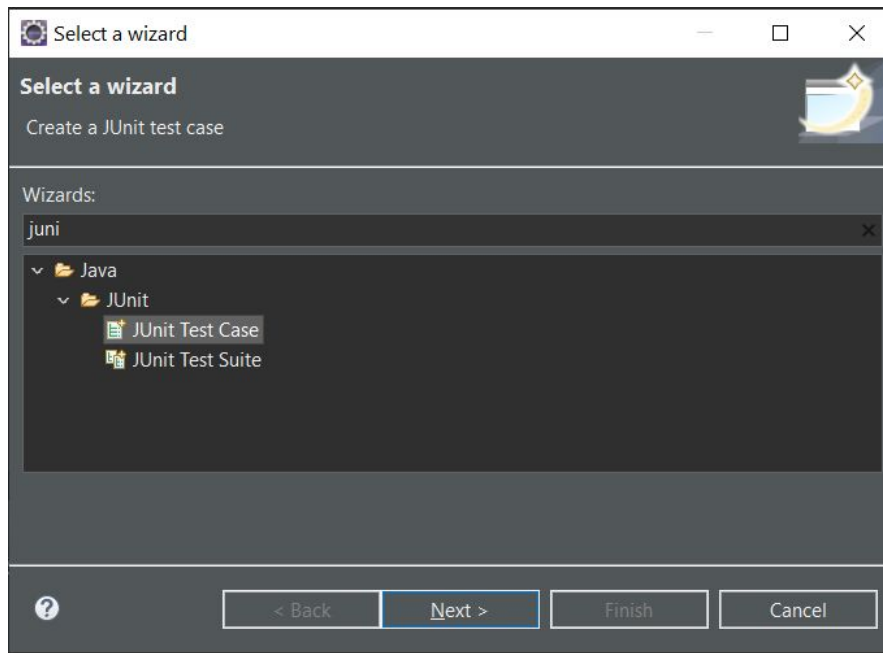**- Creating a maven Project as BRM_LAB3_2021 and making a class named MyCalc.java**

- Creating a java program for Unit test using junit.

- Now Creating file named asTestMyCalc
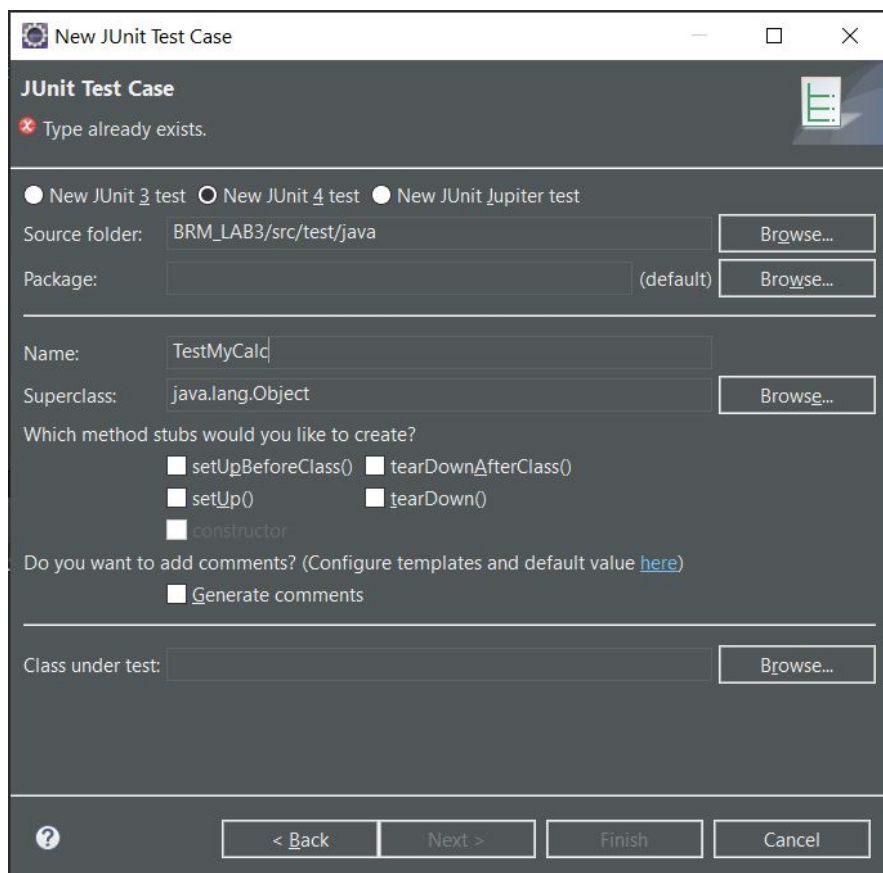
- Now checking the MyCalc using TestMyCalc

- Adding latest dependency from web, on pom.xml file for the unit test case.
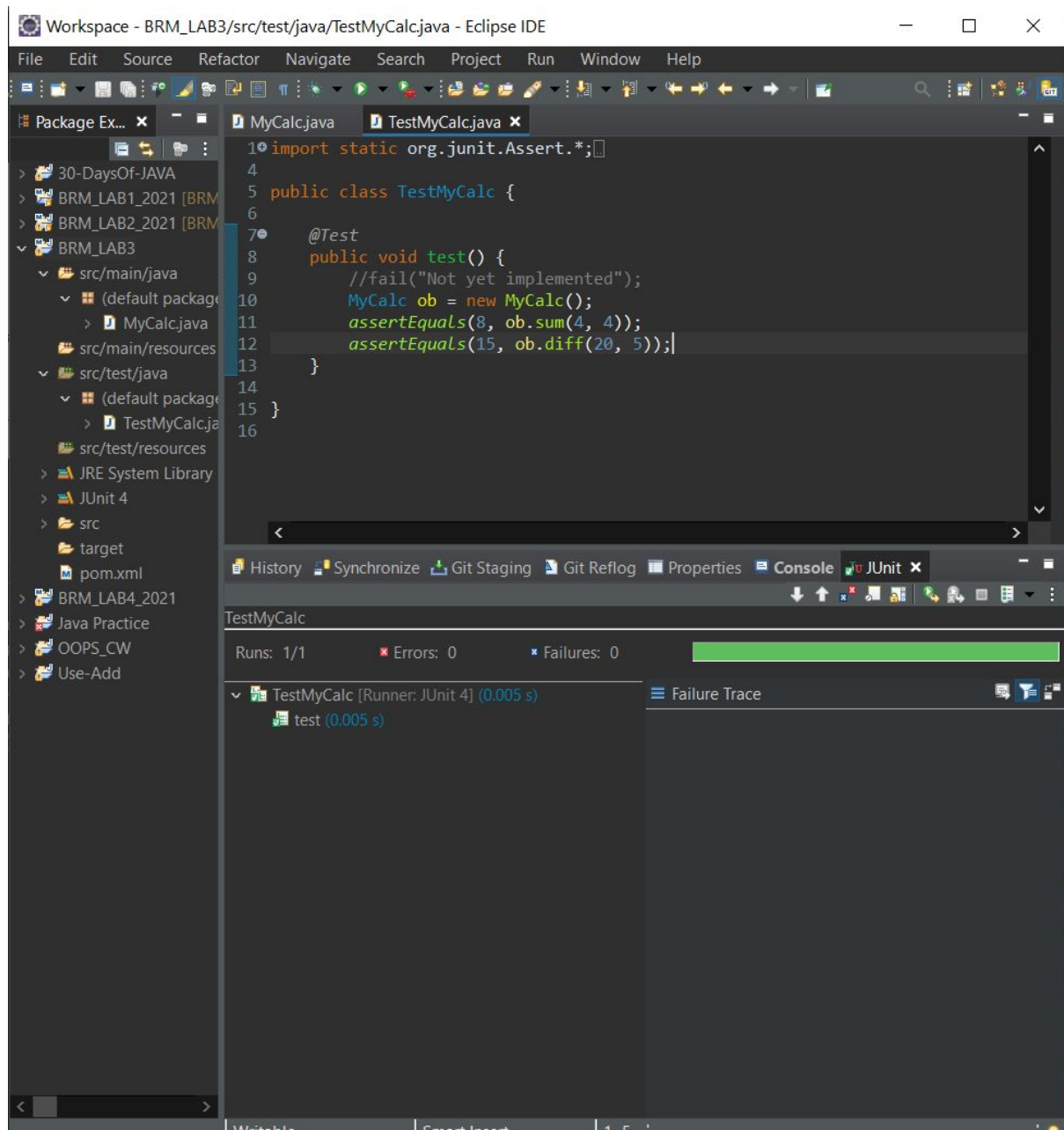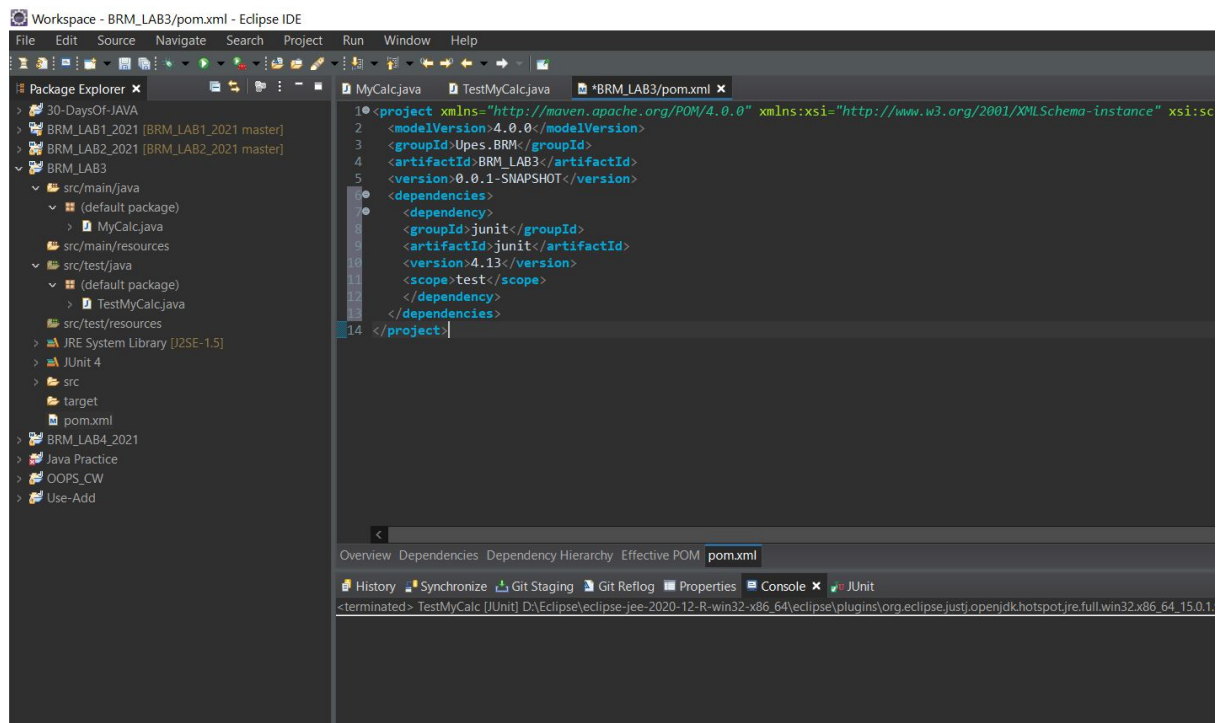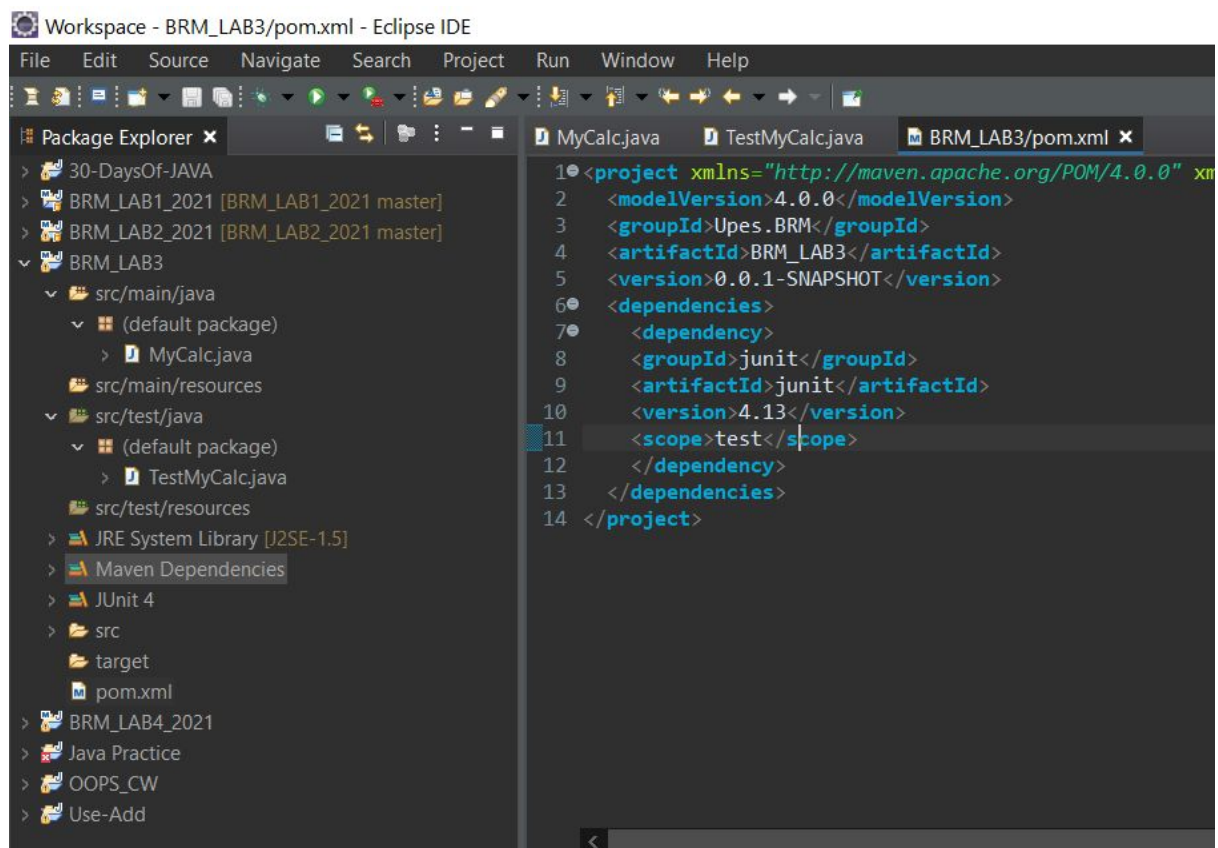**- This added dependency help to build the maven project, basically the test phase.**

- Now showing maven dependencies added.

- Run the project, set goal as "Test"


```java
import static org.junit.Assert.*;

public class TestMyCalc {

    @Test
    public void test() {
        //fail("Not yet implemented");
        MyCalc ob = new MyCalc();
        assertEquals(8, ob.sum(4, 4));
        assertEquals(15, ob.diff(20, 5));
    }

}
```

```
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ BRM_LAB3 ---
[INFO] Changes detected - recompiling the module!
[WARNING] File encoding has not been set, using platform encoding Cp1252, i.e. build is p
[INFO] Compiling 1 source file to D:\Eclipse\Workspace\BRM_LAB3\target\classes
[INFO] -------------------------------------------------------------
[ERROR] COMPILATION ERROR :
[INFO] -------------------------------------------------------------
[ERROR] Source option 5 is no longer supported. Use 7 or later.
[ERROR] Target option 5 is no longer supported. Use 7 or later.
[INFO] 2 errors
[INFO] -------------------------------------------------------------
[INFO] -------------------------------------------------------------
```