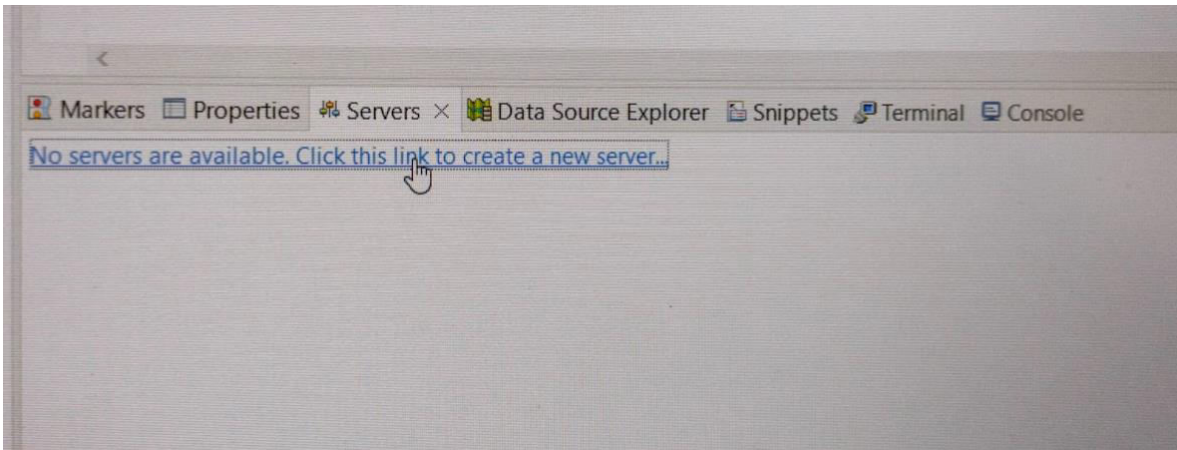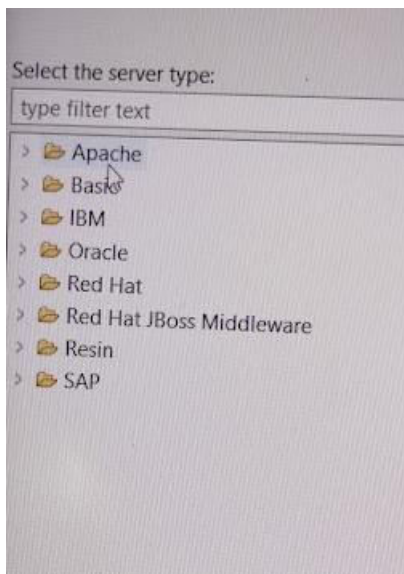# How to add server to the eclipse:
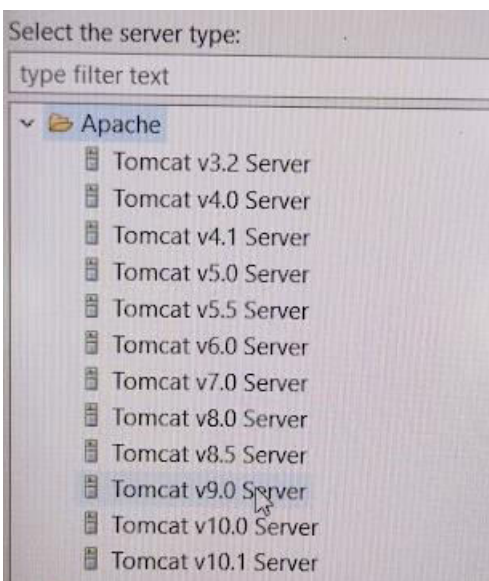
Step1: Select the server's option on the tool bar then click on hyperlink
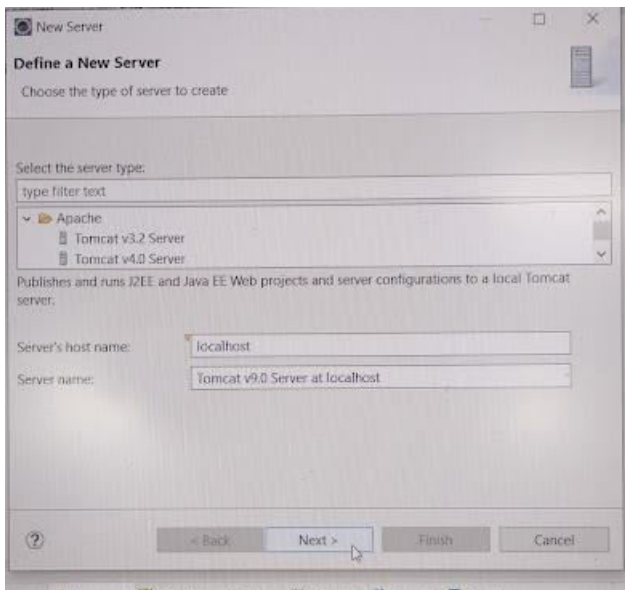

Step2: select the apache as server type
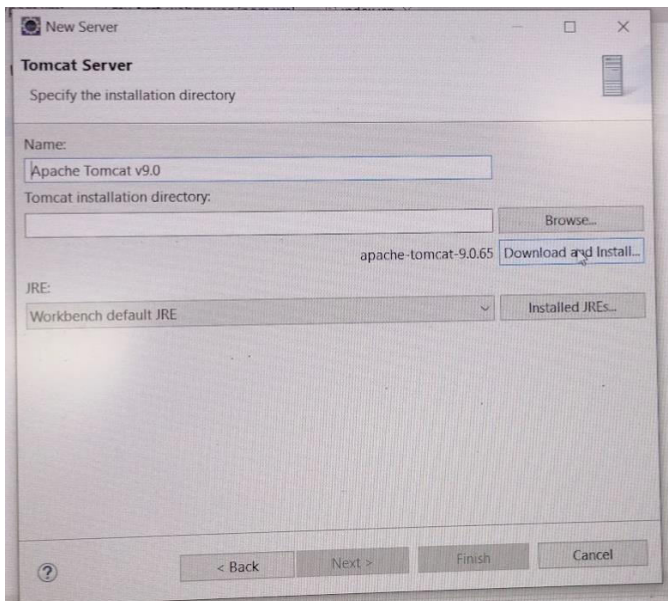

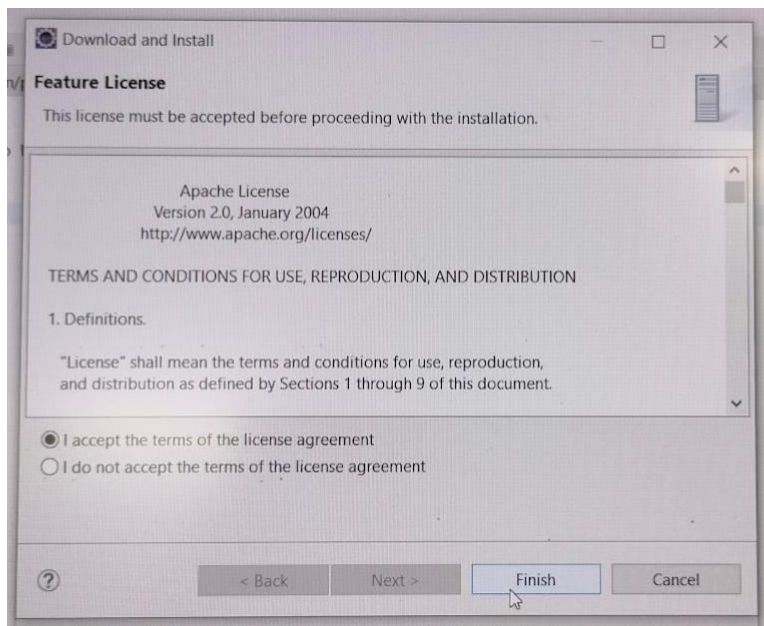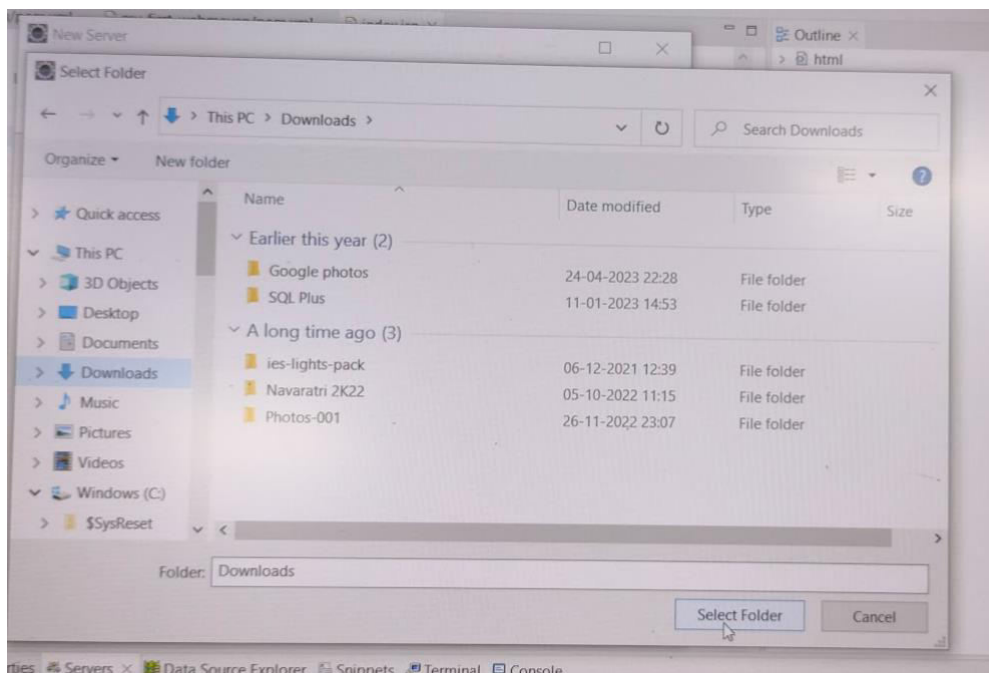**Step3:** select the 9..0 version of the apache

Step4: click on next

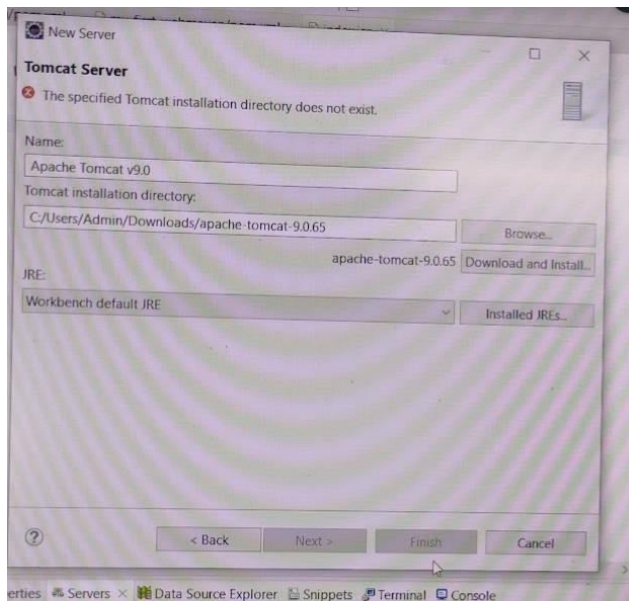## Step5: click on download and install

Step6: click on finish by accepting the terms and licences
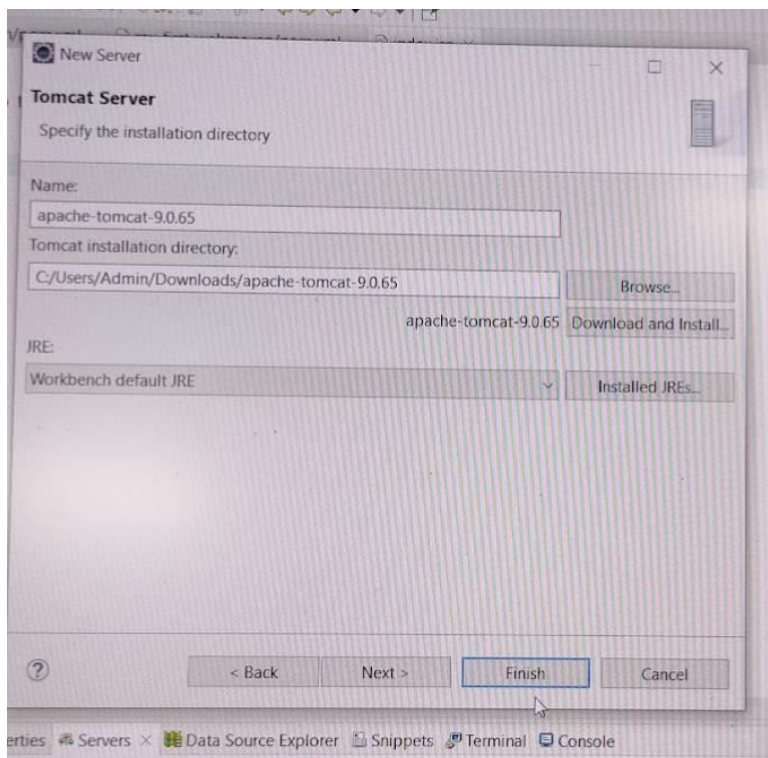

Step7: select the download location

Step8: wait until the download and install

Step9: after download error will go off then click on finish

Step1: select the maven project and click on next

Step2: click on the check box of create simple maven project then click on next
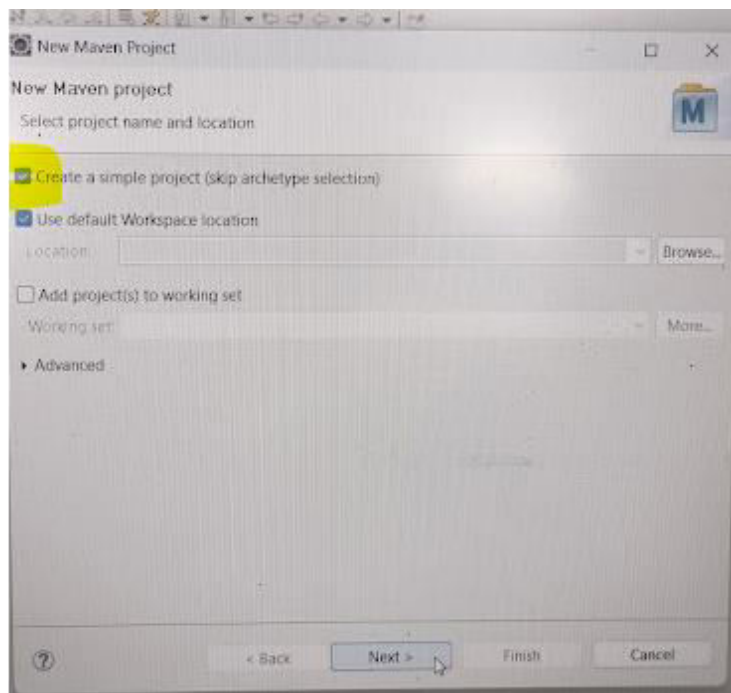
Step3: provide the artefact id and group id then click on finish

<mark>Creation of maven project for web application:</mark>

<mark>Note:</mark> internet is must for creating this project.

<mark>Step1:</mark> select the maven project and click on next
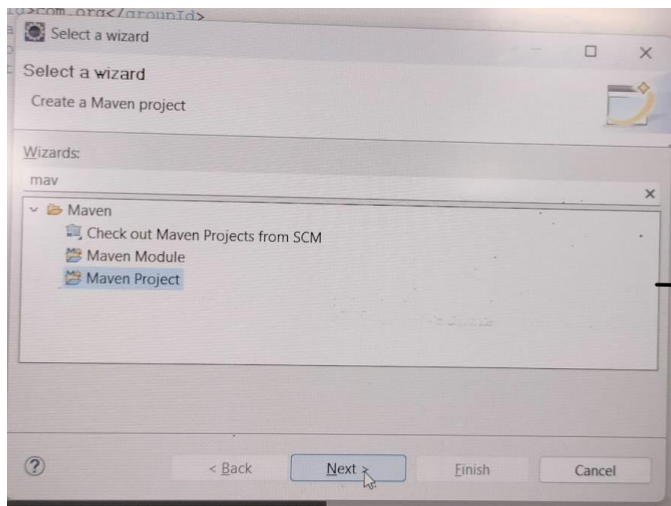
<mark>Step2:</mark>click on next
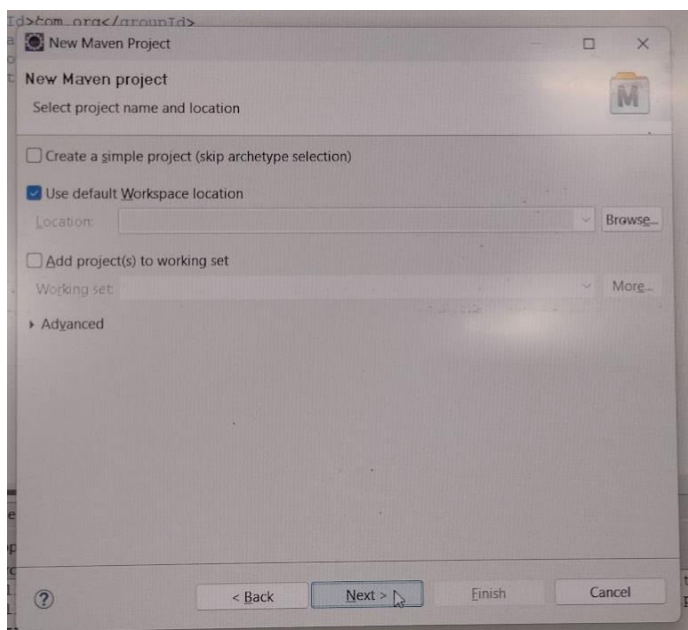
Step3: wait for some time to get the archetypes
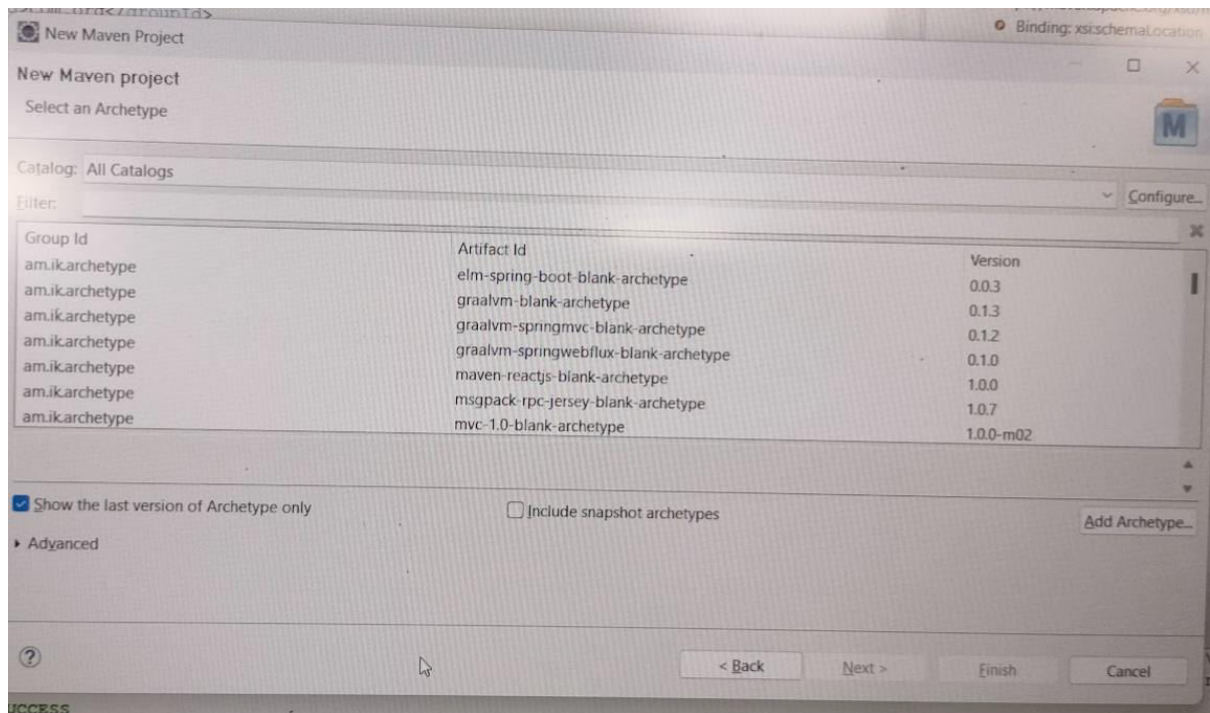
Step4: search for org.apache.maven and select the below highlighted one and click on next
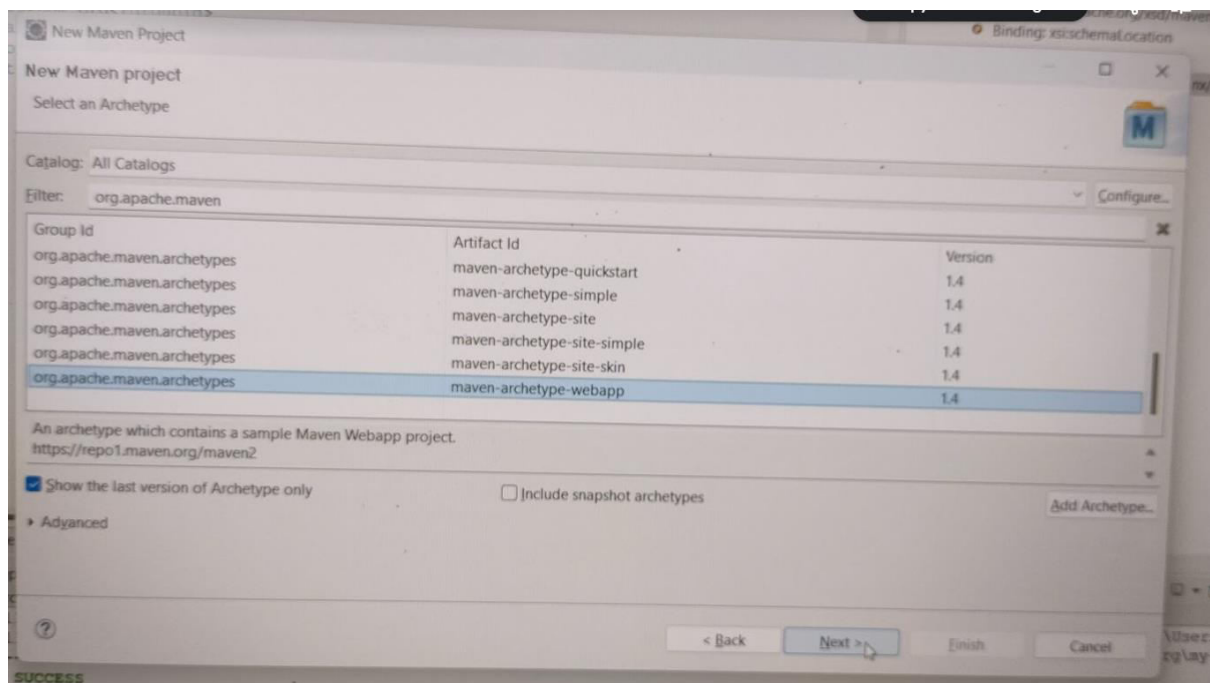
provide the artefact id and group id then click on finish

check the console for below display and yes Y and click enter

Step7: wait for the build success message.

```
package: com.org.my_first_webmaven
  Y: : y
[INFO] ------------------------------------------------------------------------
[INFO] Using following parameters for creating project from Archetype: maven-archetype-webapp:1.4
[INFO] ------------------------------------------------------------------------
[INFO] Parameter: groupId, Value: com.org
[INFO] Parameter: artifactId, Value: my-first-webmaven
[INFO] Parameter: version, Value: 0.0.1-SNAPSHOT
[INFO] Parameter: package, Value: com.org.my_first_webmaven
[INFO] Parameter: packageInPathFormat, Value: com/org/my_first_webmaven
[INFO] Parameter: package, Value: com.org.my_first_webmaven
[INFO] Parameter: groupId, Value: com.org
[INFO] Parameter: artifactId, Value: my-first-webmaven
[INFO] Parameter: version, Value: 0.0.1-SNAPSHOT
[INFO] Project created from Archetype in dir: C:\Users\kalpa\OneDrive\Documents\Desktop\servlets\my-first-webmaven
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  11.377 s
[INFO] Finished at: 2023-07-25T19:04:04+05:30
[INFO] ------------------------------------------------------------------------
```
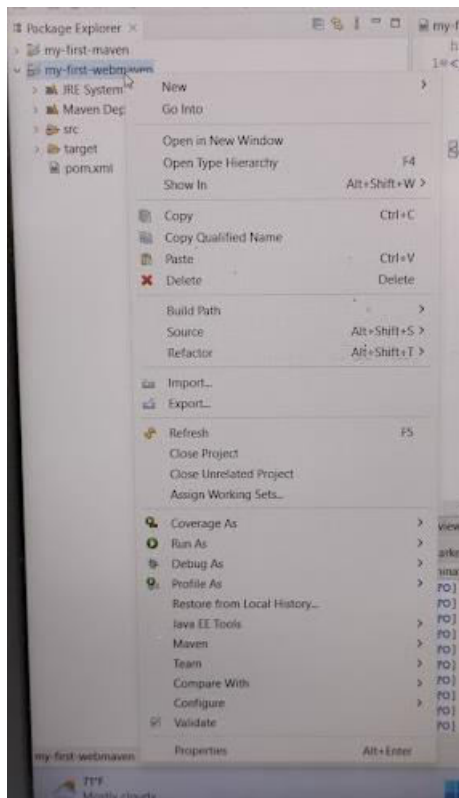
Step8: search for package explorer and select the below highlighted
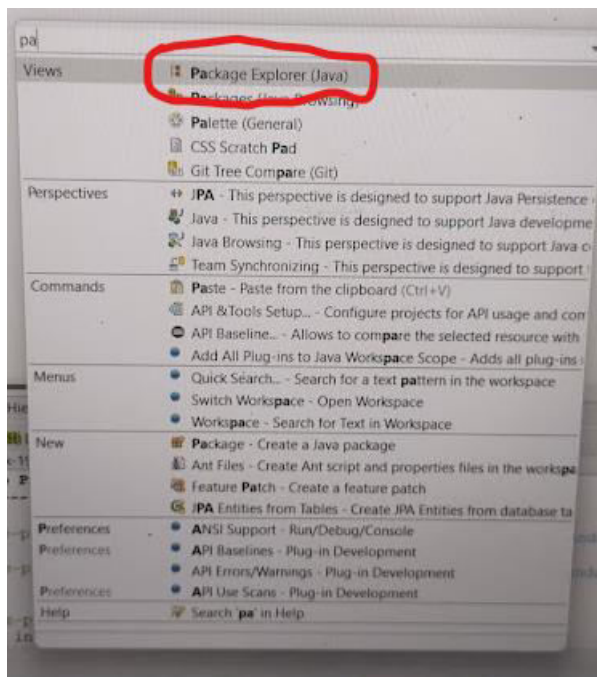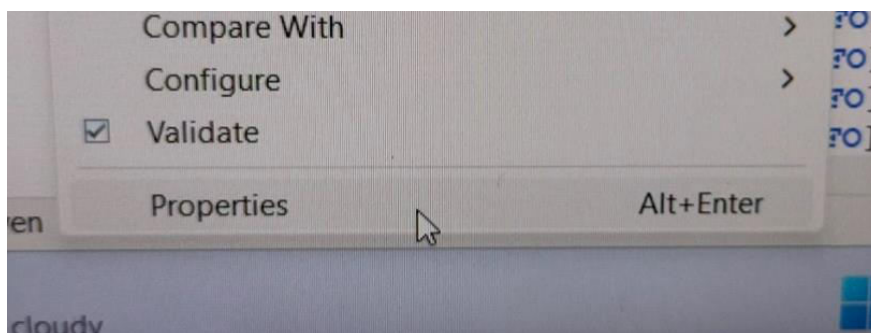
Step9: add package explorer near to the project explorer on the left top side
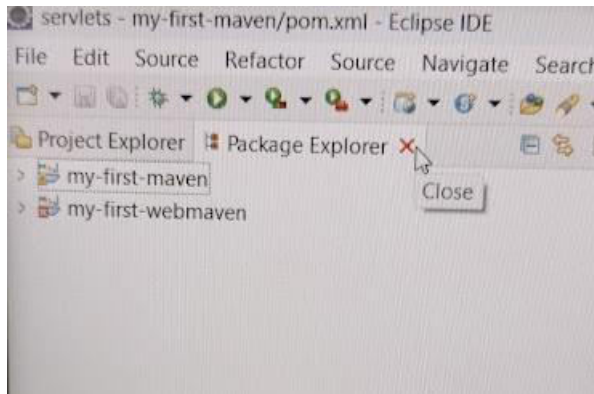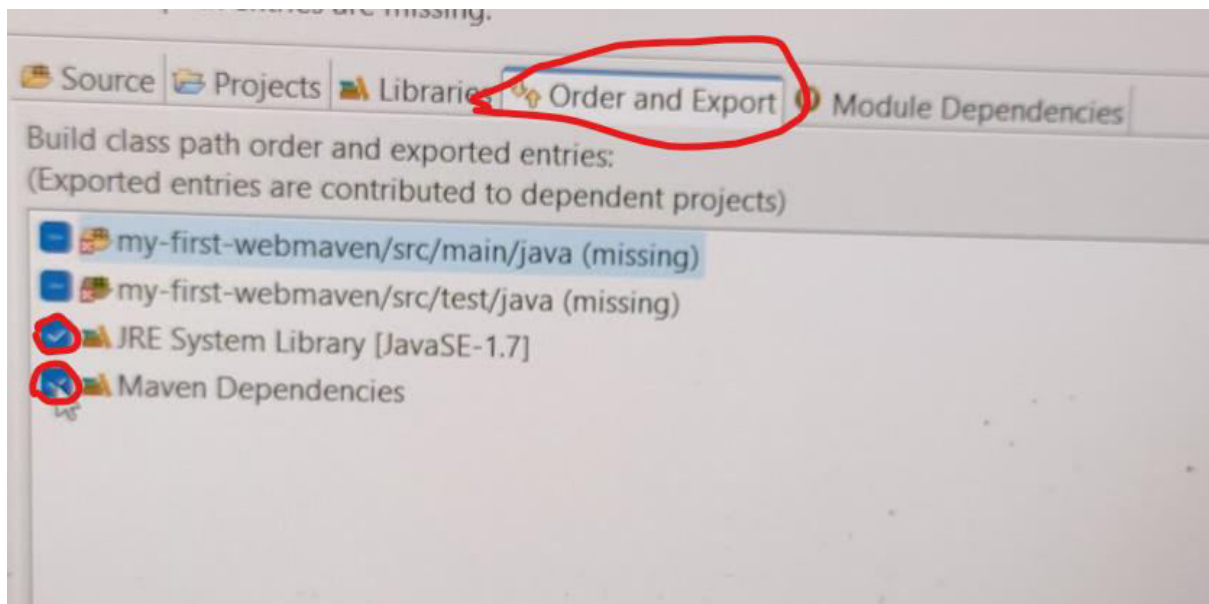

Step10: right click on the project

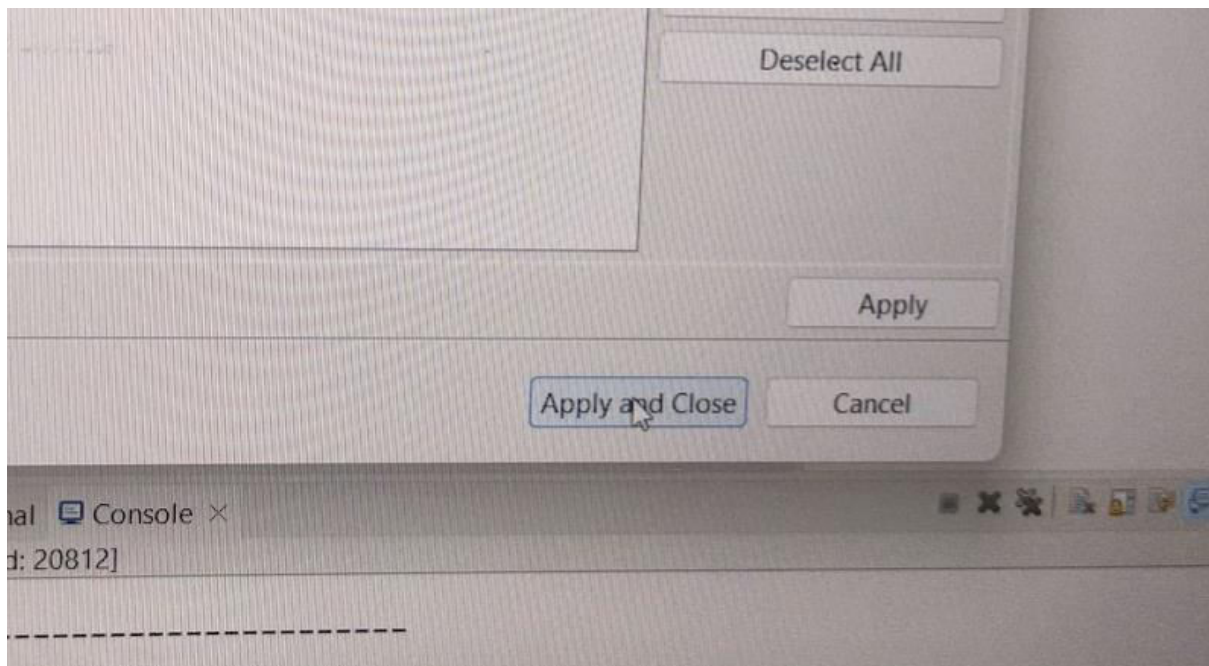**Step11:** select the properties (last option)

select java build path

select order and export and click on the empty check boxes

Step 14: click on apply and close

Step15 : add the provided dependencies in below displayed location

```
</properties>
<dependencies>
    <dependency>
        <groupId>junit</groupId>
        <artifactId>junit</artifactId>
        <version>4.11</version>
        <scope>test</scope>
    </dependency>

    <!-- https://mvnrepository.com/artifact/javax.servlet/javax.servlet-api -->
    <dependency>
        <groupId>javax.servlet</groupId>
        <artifactId>javax.servlet-api</artifactId>
        <version>4.0.1</version>
        <scope>provided</scope>
    </dependency>
    <!-- https://mvnrepository.com/artifact/javax.servlet.jsp/javax.servlet.jsp-api -->
    <dependency>
        <groupId>javax.servlet.jsp</groupId>
        <artifactId>javax.servlet.jsp-api</artifactId>
        <version>2.3.3</version>
        <scope>provided</scope>
    </dependency>

</dependencies>
```
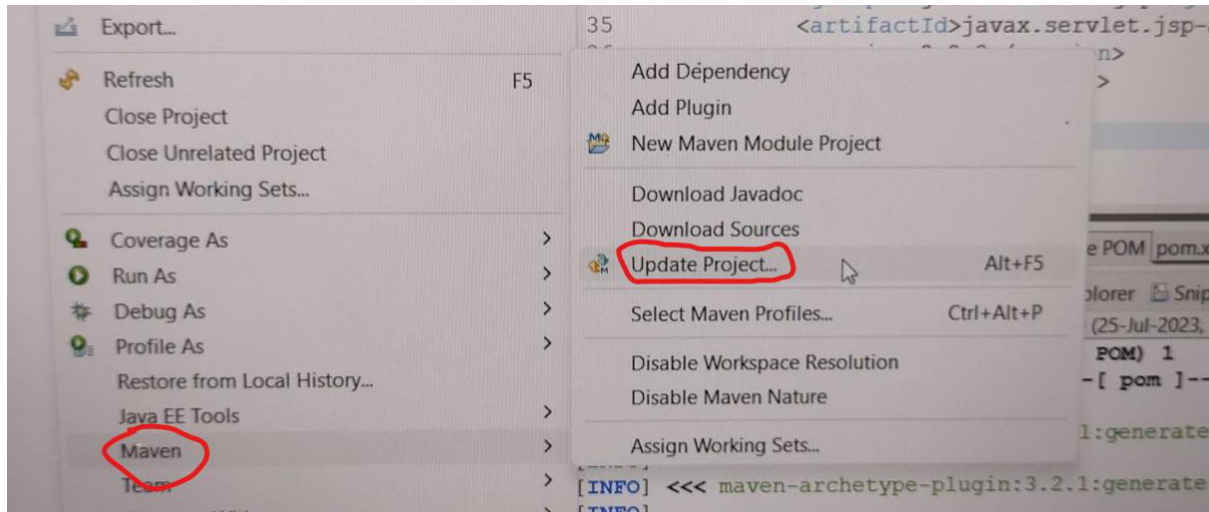
Step1: right click on the project either simple or web maven project

Step2: select the maven and select the update project

Step3: click the check box force update then click on ok