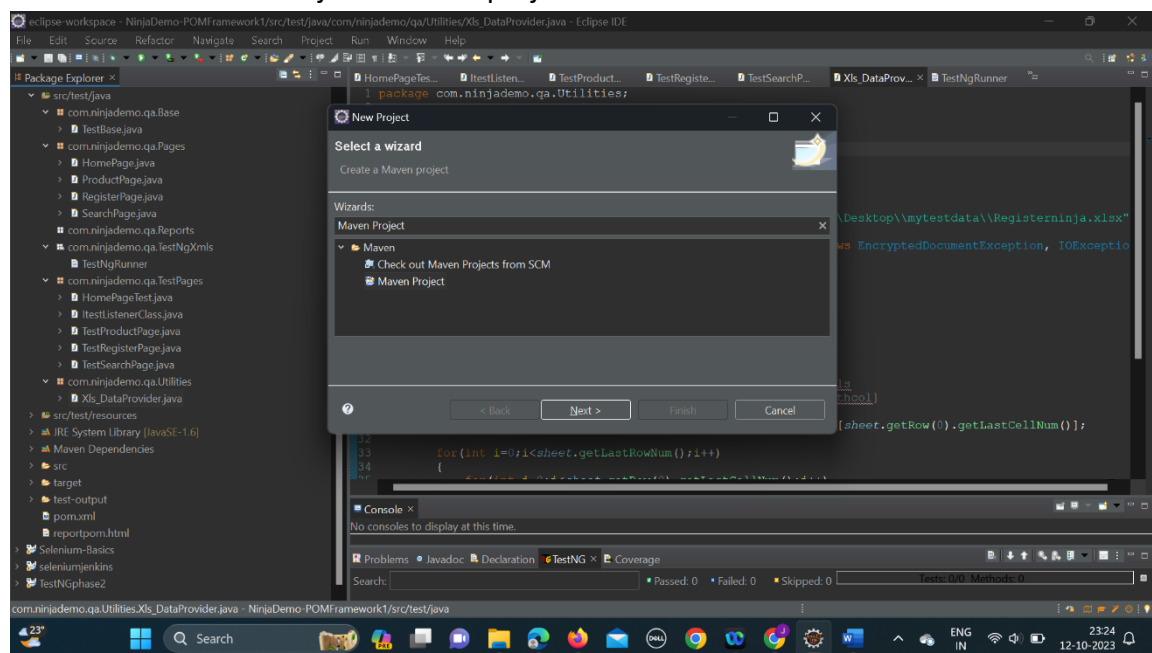# Phase2-Practice Project: Assisted Practice
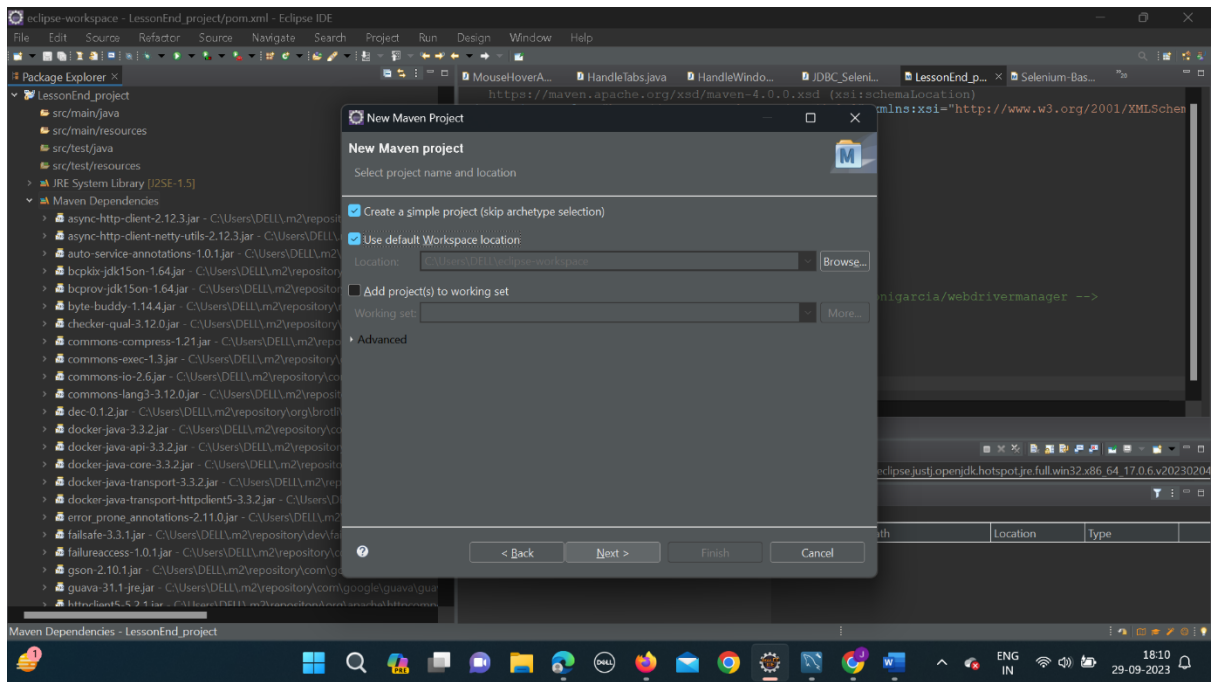
Maven Configuration:

Install and configure Maven for Selenium Project in Eclipse.
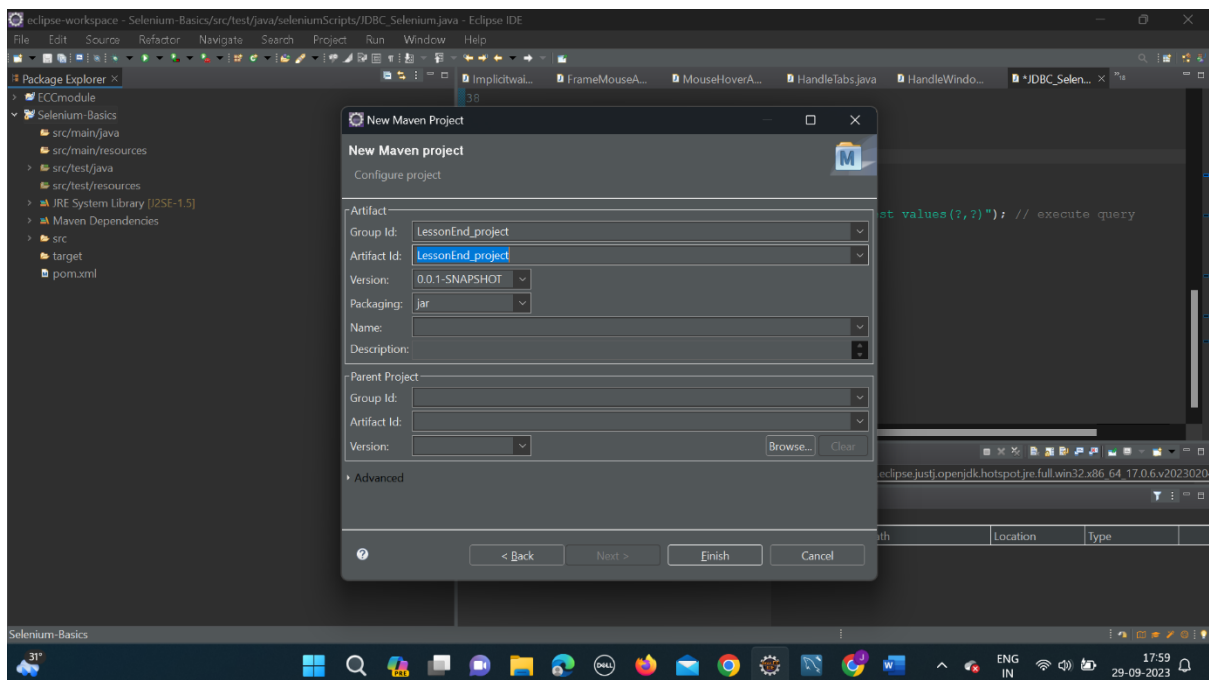
Creating a Maven project

- Open Eclipse.
- Click on File->New->Project->Maven project.

- Click on checkbox for - create simple project

• Uncheck default workspace

• from the frop down select option ending with eclipse workspace

• If you dont find it then select it by clicking on Browse button

• Click on checkbox of workspace

- Press Next button.

- Enter a unique name for Group ID: selenium-Basics

- Artifact ID : selenium-Basics

- Always Artifact ID and group id will be same.
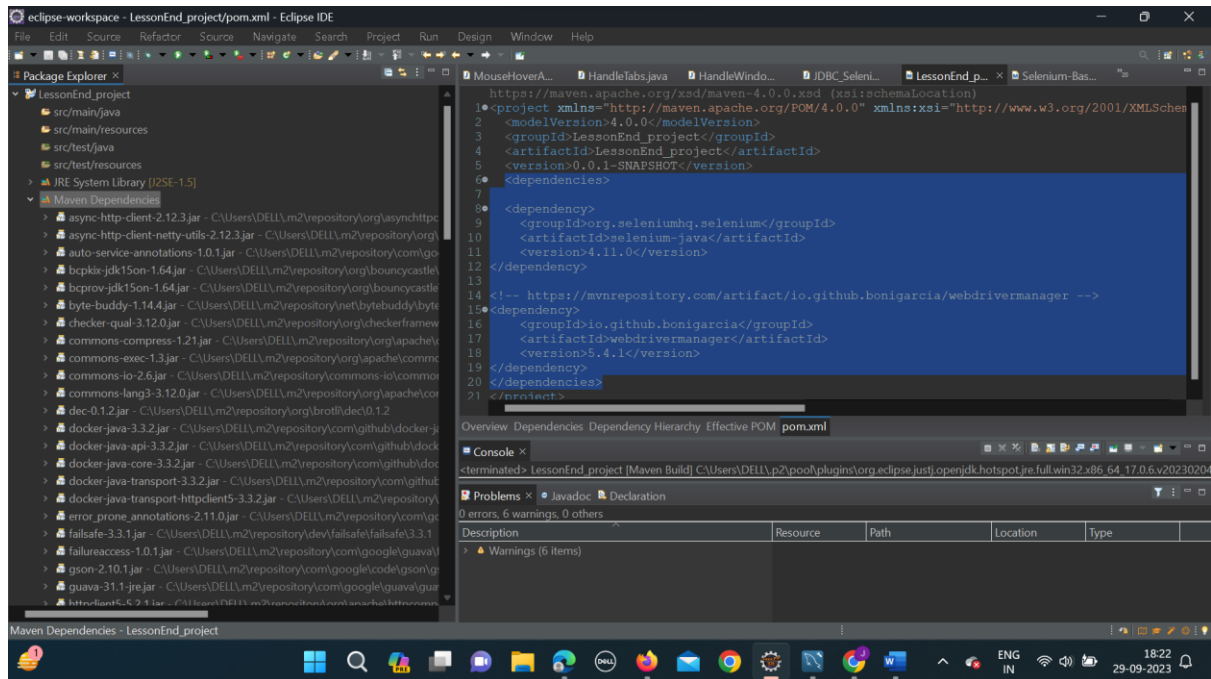

- Click on finish

- Adding Maven Dependency
- Go to Maven Repository:
  https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-java/3.14.0
- Copy the dependency.

```
<dependency>
<groupId>org.seleniumhq.selenium</groupId>
<artifactId>selenium-java</artifactId>
<version>4.11.0</version>
</dependency>
```

- If we are using TestNG, then we need to specify the TestNG dependencies to our pom.xml
- Go to the Maven Repository:
  https://mvnrepository.com/artifact/org.testng/testng/6.8
- Copy the dependency.

```
<!-- https://mvnrepository.com/artifact/org.testng/testng -->
<dependency>
 <groupId>org.testng</groupId>
 < artifactId>testng</artifactId>
 <version>7.7.1</version>
 <scope>test</scope>
</dependency>
```

• In the project Explorer, you will see your maven project

• Expand the project now

• You will see a file called --> pom.xml file

• Double click and open the file

• Paste above dependency in pom.xml file .

- Then save the code.

- All the jar files will be added to maven dependencies

- Then in src/test/java you can create a new package and new class.

- Then there you can write the code and run.