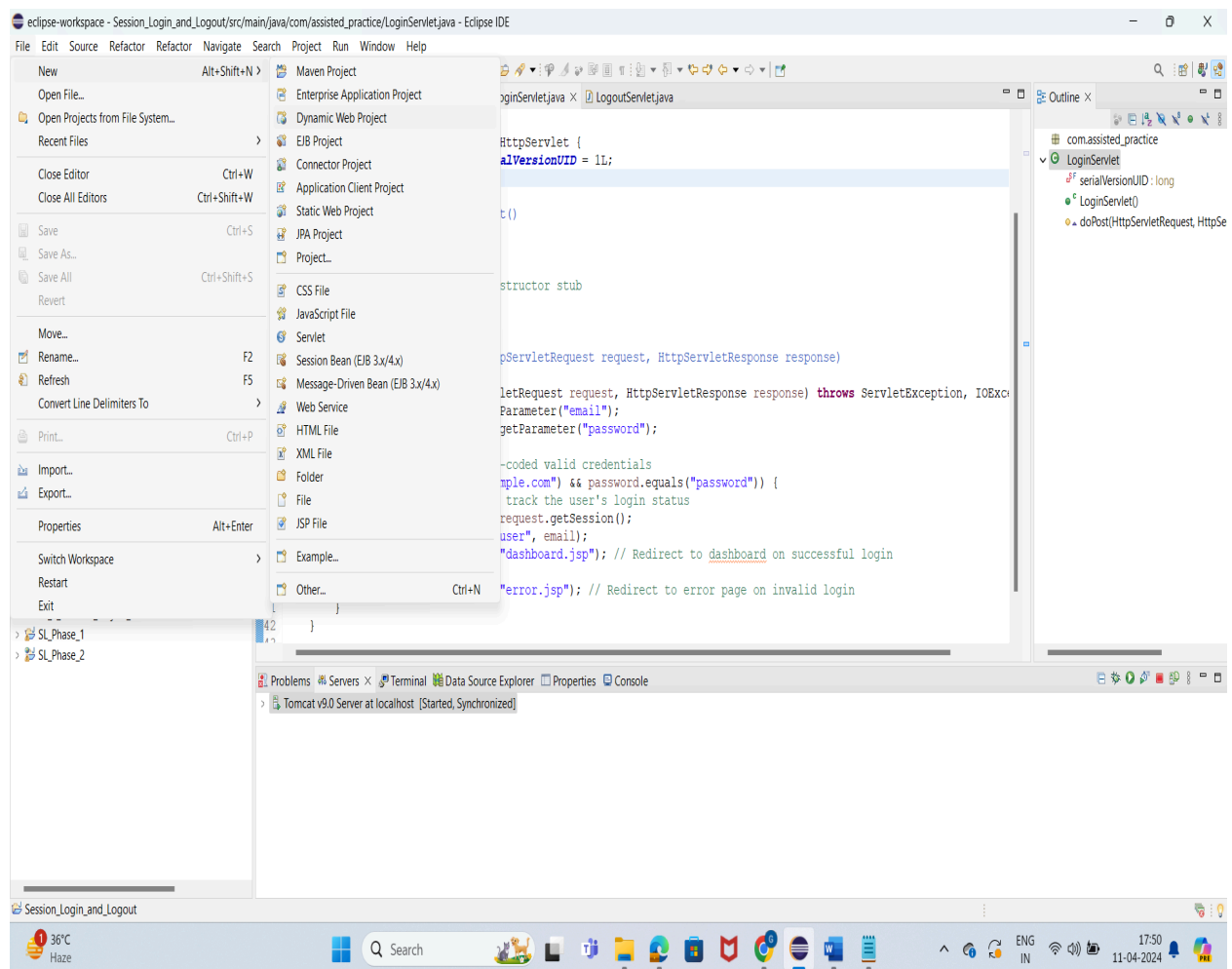
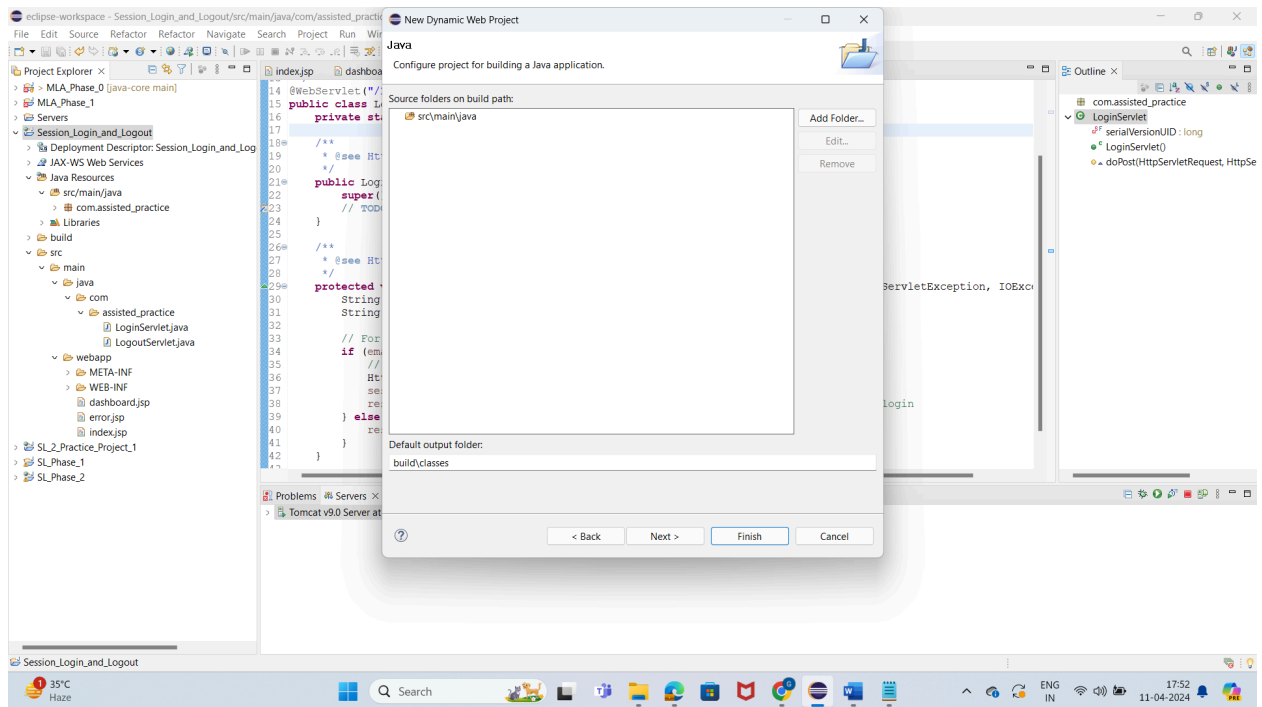
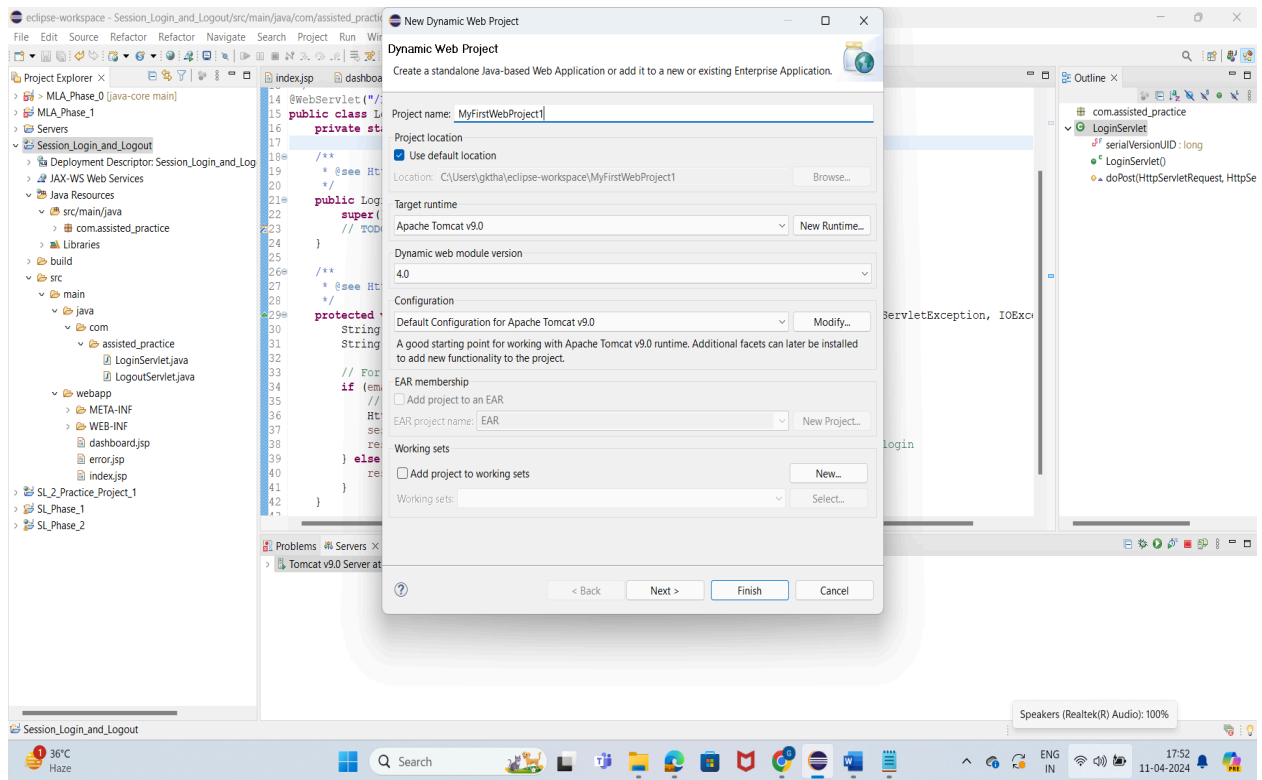


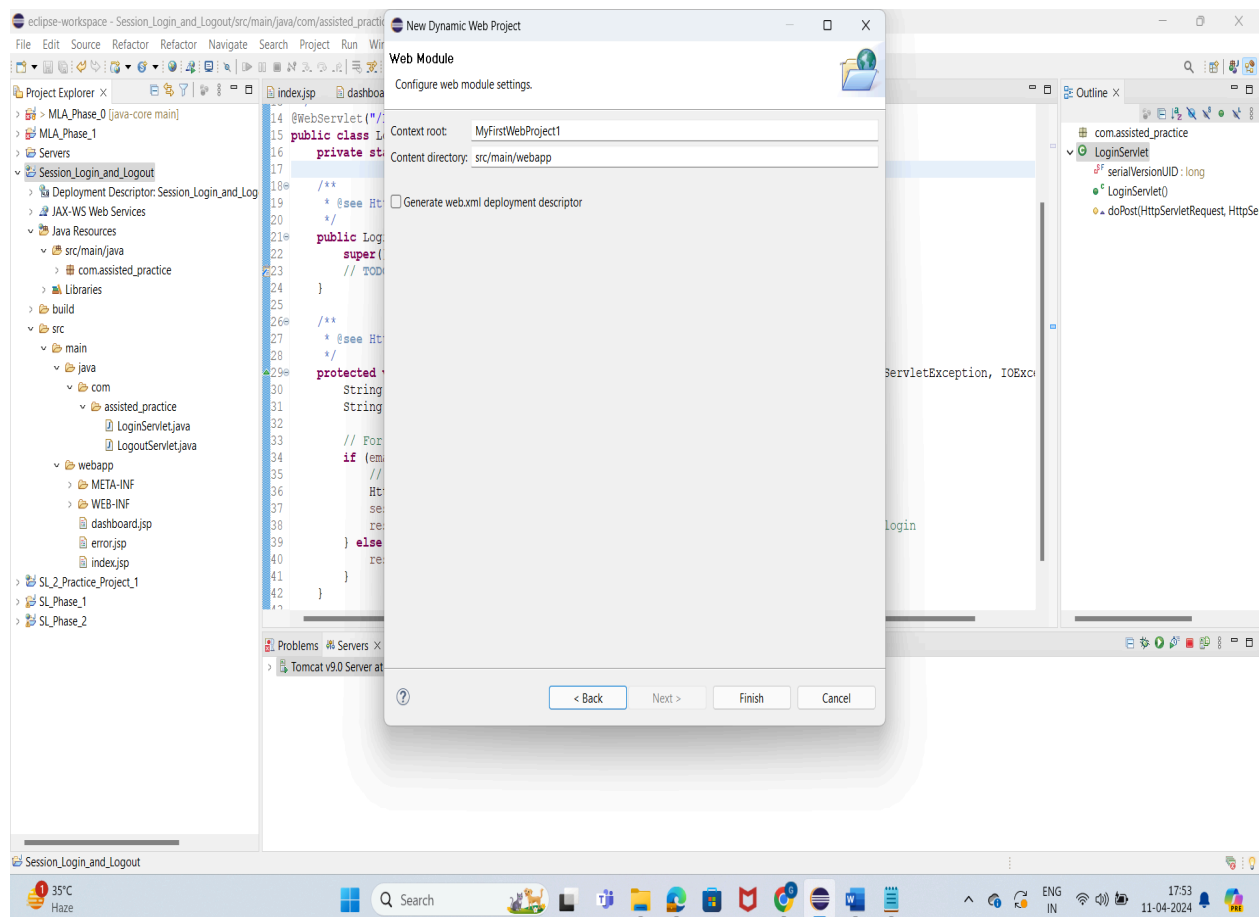
Assisted Practice 2 : Configure a Servlet with Eclipse

Step 1: Creating a dynamic web project

- Open Eclipse
- Go to the File menu. Choose New->Dynamic Web Project
- Enter the project name as FirstServlet. Click on Next
- Enter nothing in the next screen and click on Next
- Check the checkbox Generate web.xml deployment descriptor and click on Finish
- This will create the project files in the Project Explorer.

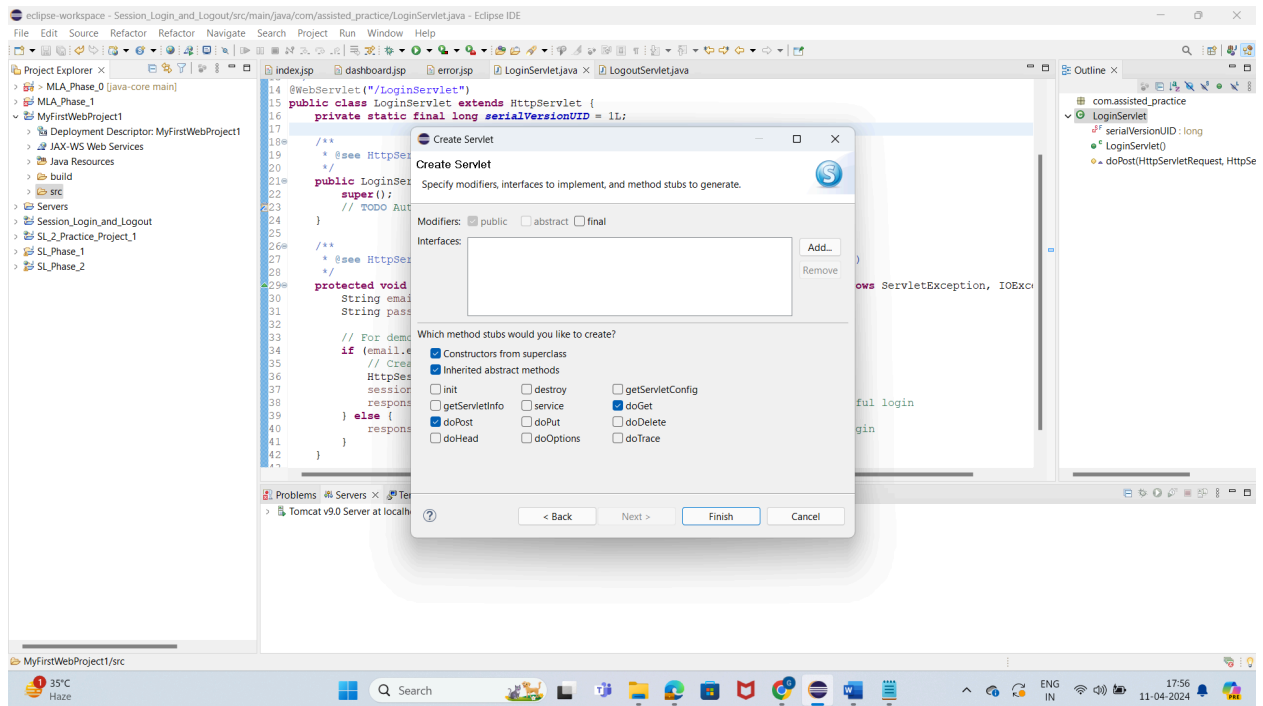
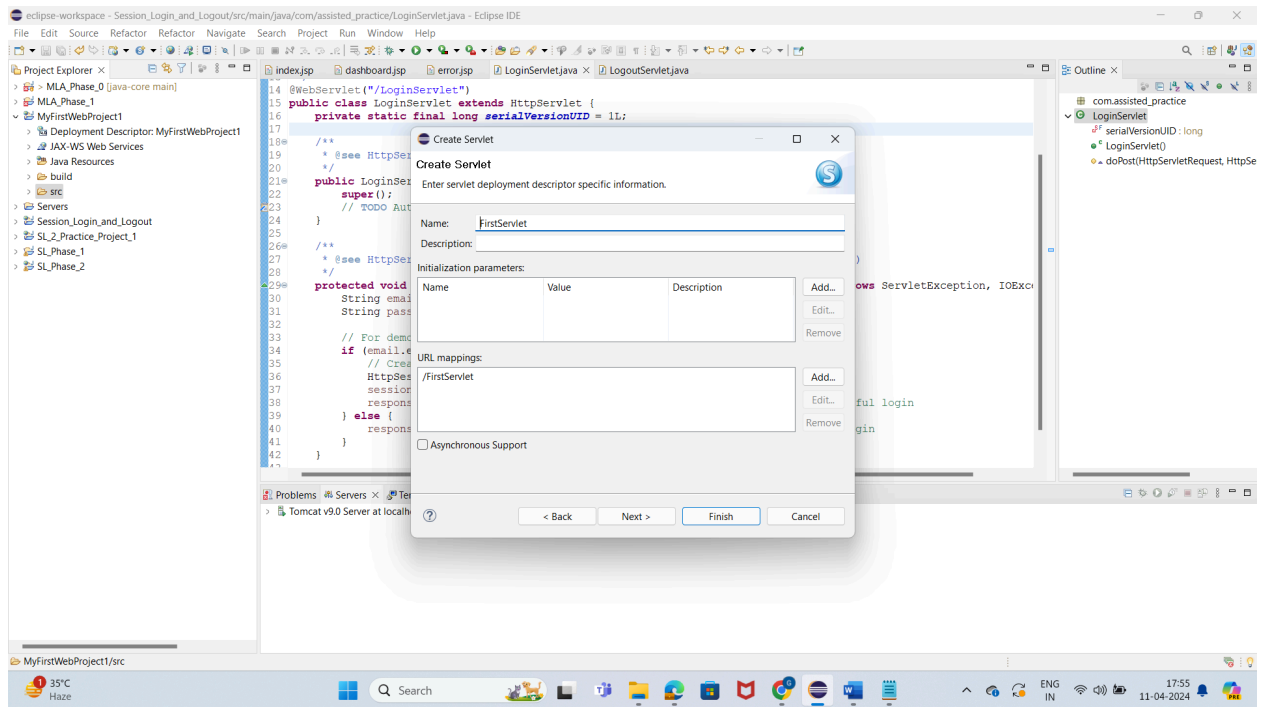


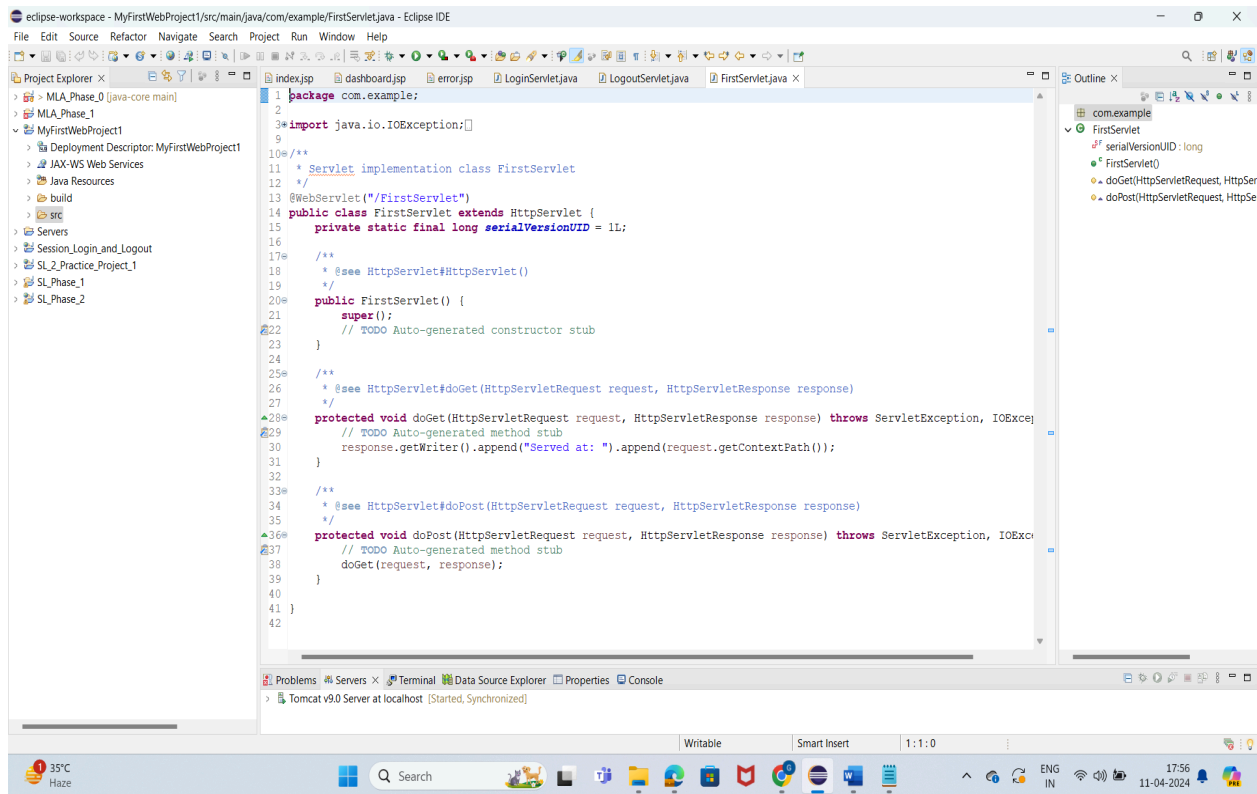




Step 2: Creating a servlet

- In the Project Explorer, expand ServletConcept->Java Resources
- Right click on src and choose New->Servlet
- In Class Name, enter FirstServlet and click on Finish





Step 3: Checking for servlet-api.jar

- Before building the project, we need to add servlet-api.jar to the project
- Servlet-api.jar file is downloaded from web.
- To add it to the project, follow the below mentioned steps:
 - In the Project Explorer, right click on FirstServlet and choose Properties
 - Select Java Build Path from the options on the left
 - Click on Libraries tab on the right
 - Under ClassPath, expand the node that says Apache Tomcat
 - If there is an existing entry for servlet-api.jar, then click on Cancel and exit the window.
 - If it is not there, then click on Classpath entry and click on Add External External jar buttons on the right.
 - From the file list, select servlet-api.jar file and click Ok
 - Click on Apply and Close

Step 4: Building the project

- From the Project menu at the top, click on Build
- If any compile errors are shown, fix them as required

Step 5: Publishing and starting the project

- If you do not see the Servers tab near the bottom of the IDE, go to Window menu and click On Show View-> Servers
- Click on Finish
- Right click on the Server entry and click on Publish
- Right click on the Server entry and click on Start
- This will start the server

Step 6: Running the project

- To run the project, open a web browser and type: <http://localhost:8080/FirstServlet>