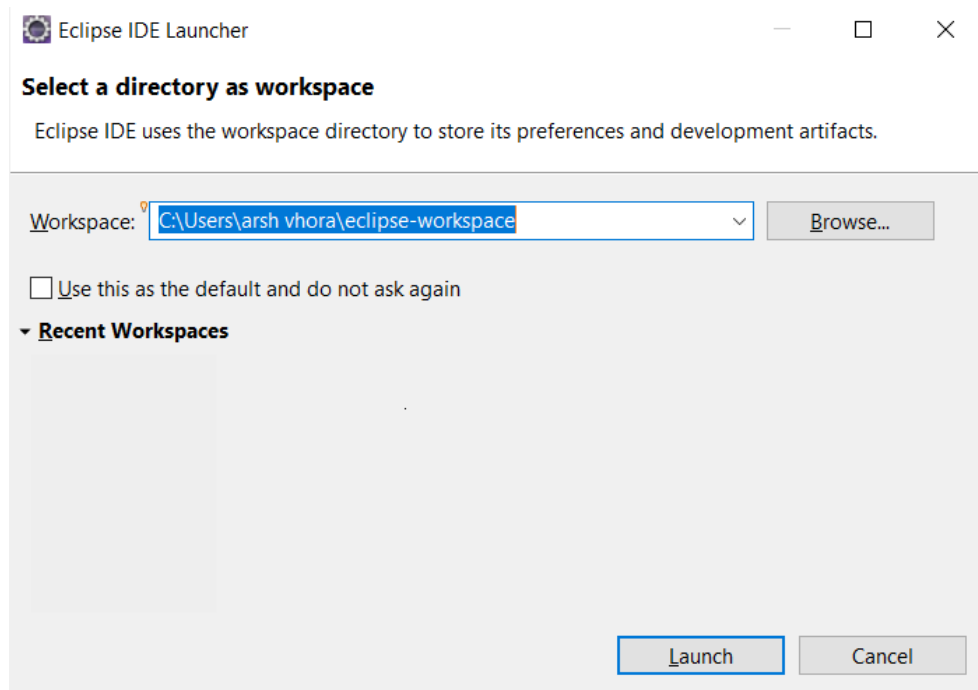


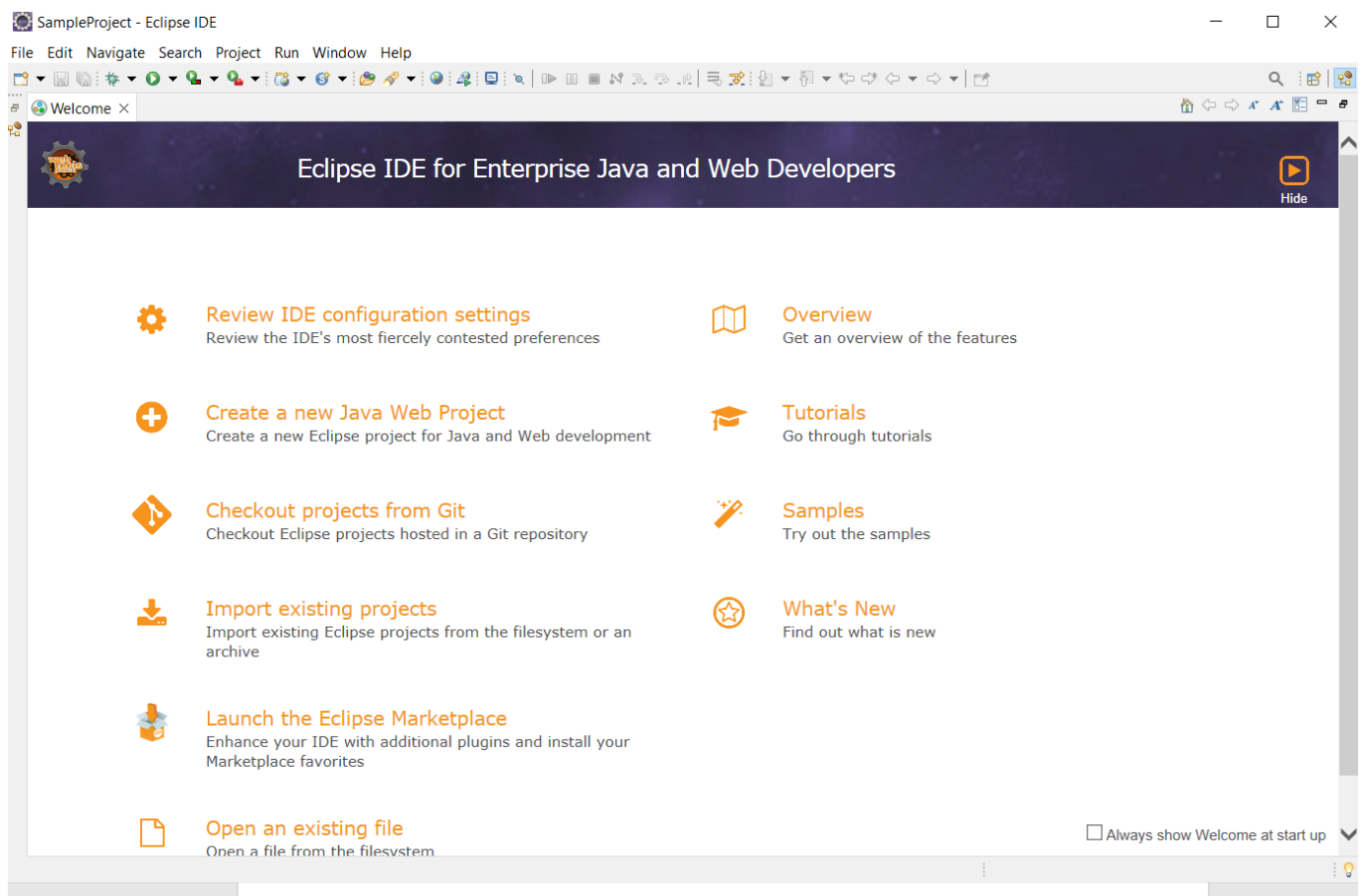
To create Spring MVC project, follow the below steps in Eclipse IDE

Start Eclipse IDE in your machine.

Once you start IDE it will open below Dialog box and here you have to define your project workspace ***either in default path or give your own folder location*** for project then click on Launch.

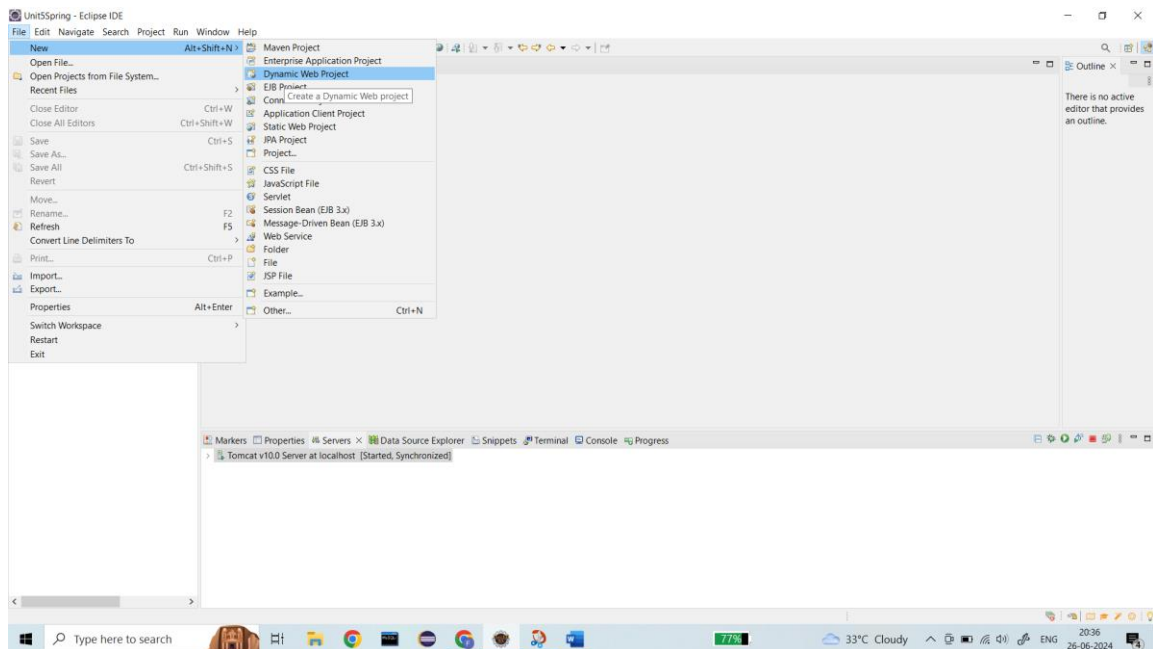


It will open the below screen.



To create Dynamic web project, follow the below steps.

1) Click FILE Menu -> NEW -> Select Dynamic Web Project – It will display the below dialog box.



Once you select Dynamic Web Project -> You need to give name of the project and specify the workspace name.

**New Dynamic Web Project**

**Dynamic Web Project**

Create a standalone Java-based Web Application or add it to a new or existing Enterprise Application.

Project name:

Project location

☐ Use default location

Location:

Target runtime

Dynamic web module version

Configuration

A good starting point for working with Apache Tomcat v10.0 runtime. Additional facets can later be installed to add new functionality to the project.

EAR membership

☐ Add project to an EAR

EAR project name:

Working sets

☐ Add project to working sets

Working sets:

Once done, then click NEXT

New Dynamic Web Project

**Java**

Configure project for building a Java application.

Source folders on build path:

src\main\java

Add Folder...  
Edit...  
Remove

Default output folder:

build\classes

? < Back Next > Finish Cancel

Click Next...**Ensure to generate the web.xml deployment descriptor file.**

New Dynamic Web Project

**Web Module**

Configure web module settings.

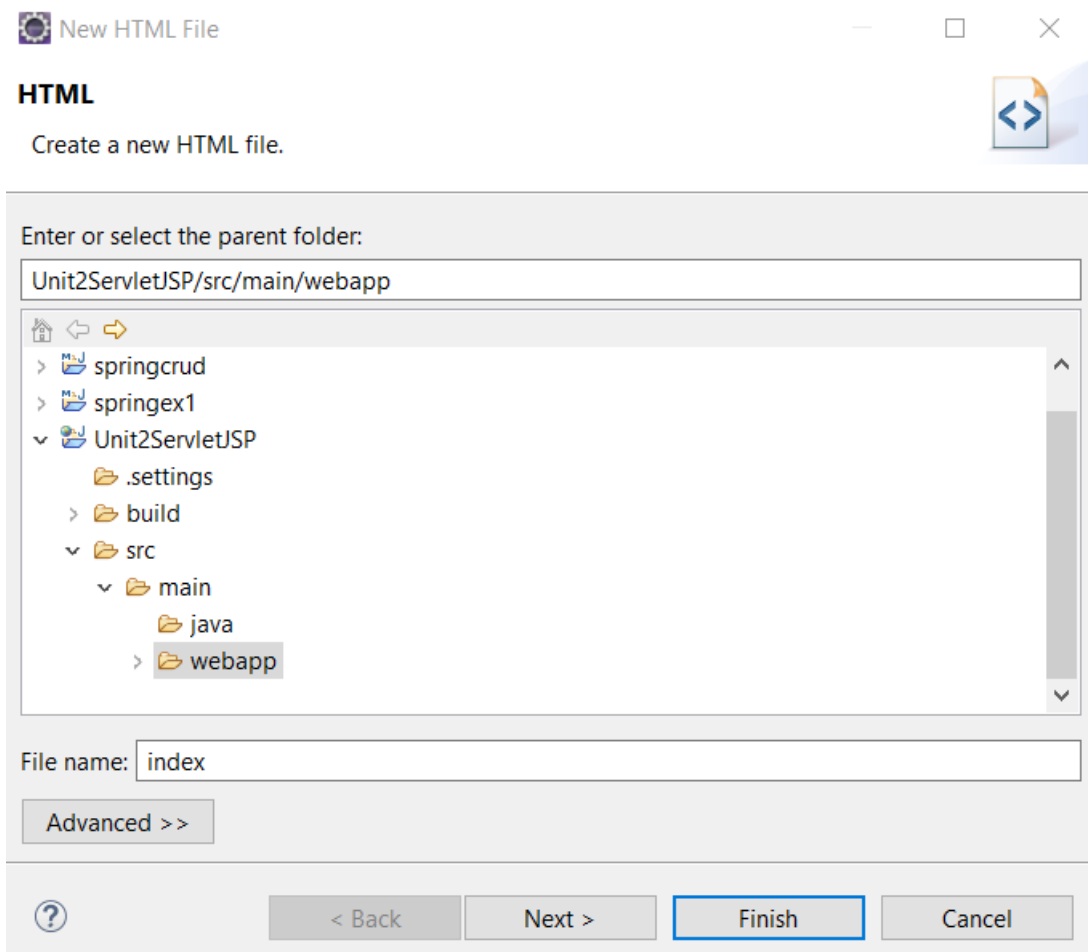
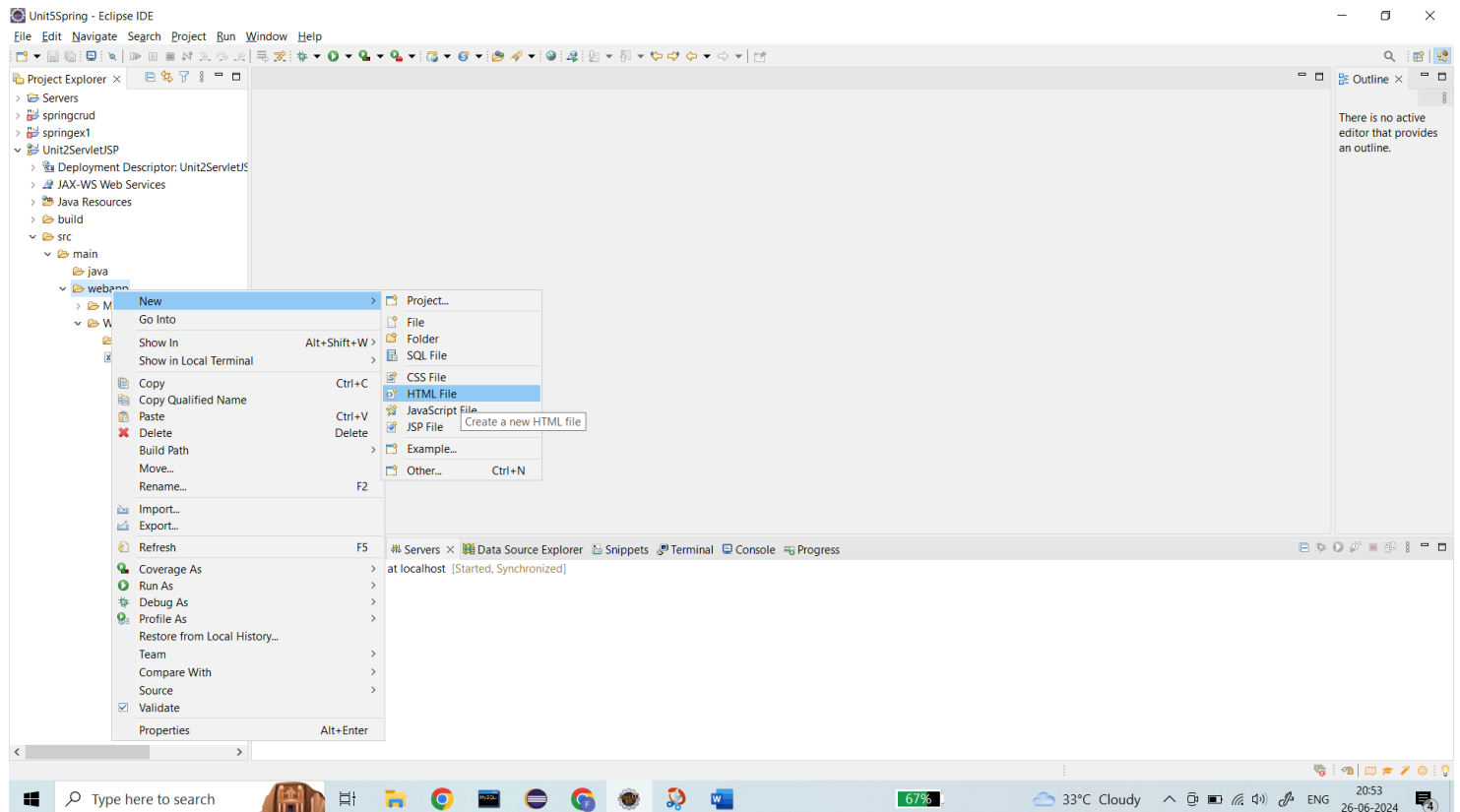
Context root: Unit2ServletJSP

Content directory: src/main/webapp

☒ Generate web.xml deployment descriptor

? < Back Next > Finish Cancel

Now click on src -> main -> **web app**, select the web app folder and right click -> **NEW** -> Add the file with name **index.html**

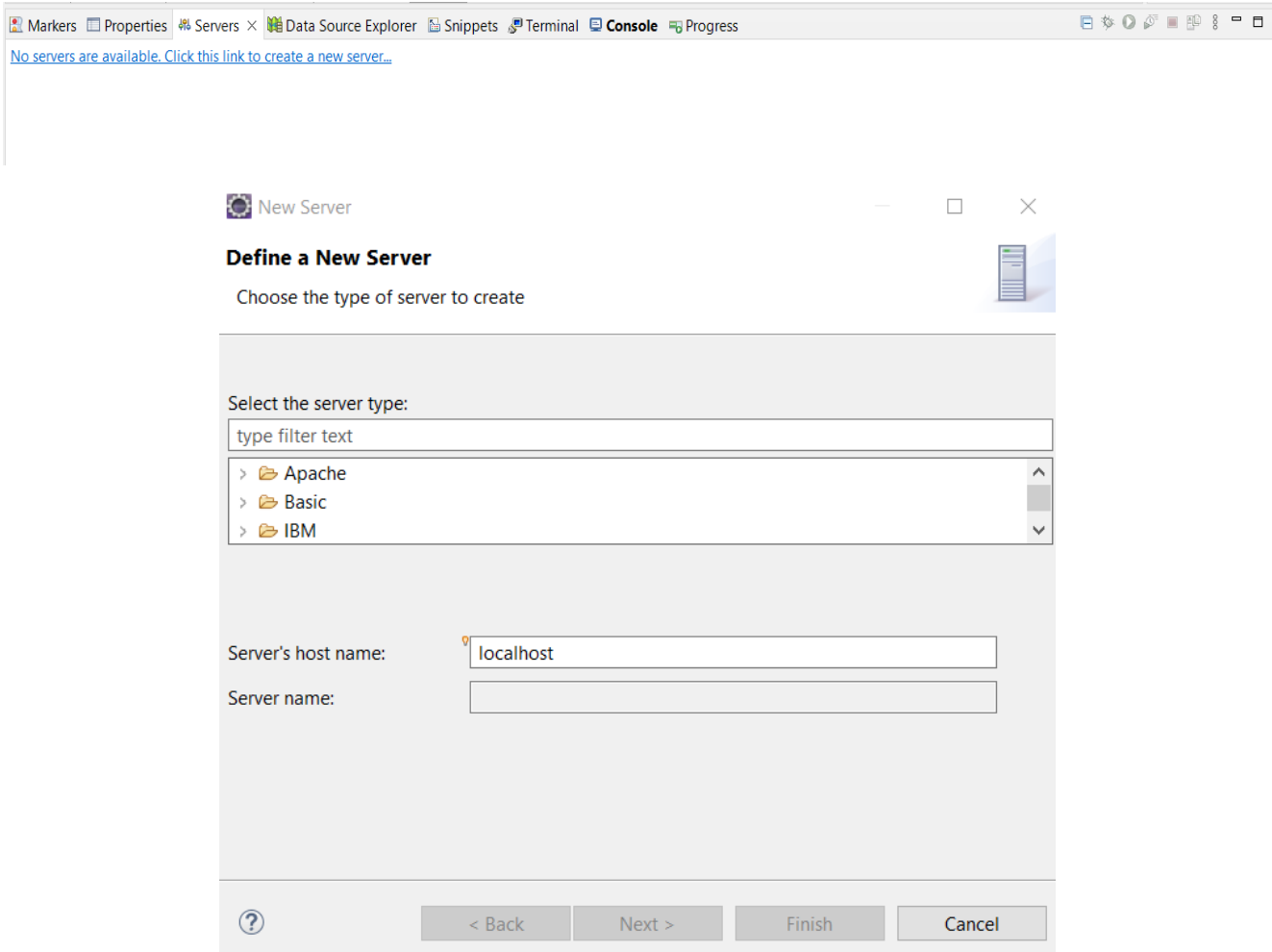


Type the name index and click on finish button and add the below line of code in **body tag**.

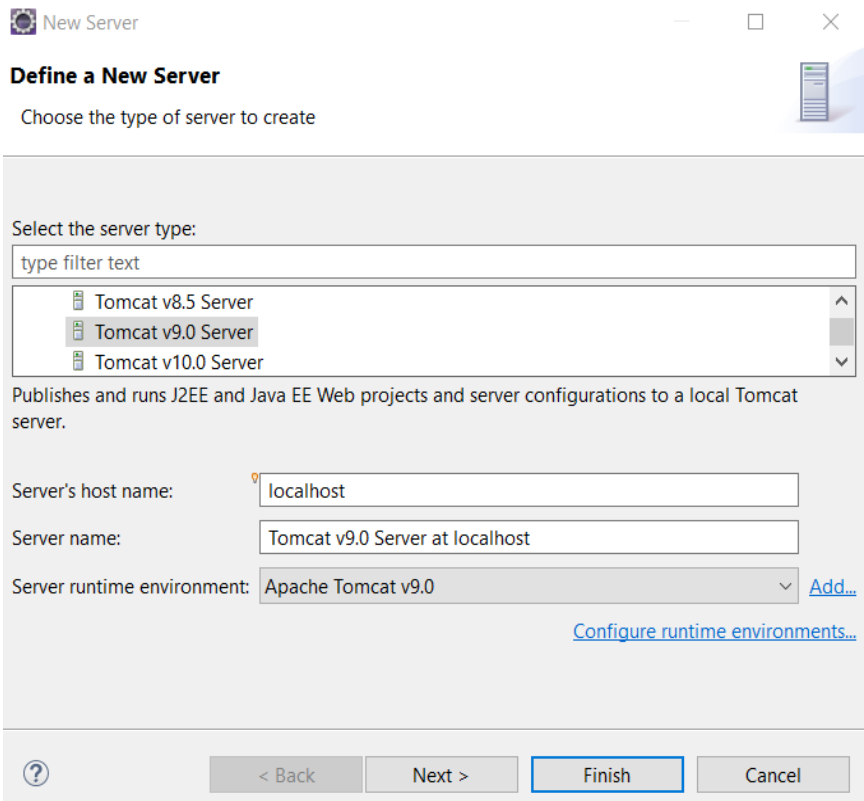
**<h3>Welcome to dynamic web project</h3>**

**ADD SERVER TO THE PROJECT.**

Click on server tab and select Hyperlink and follow the steps to deploy the application.

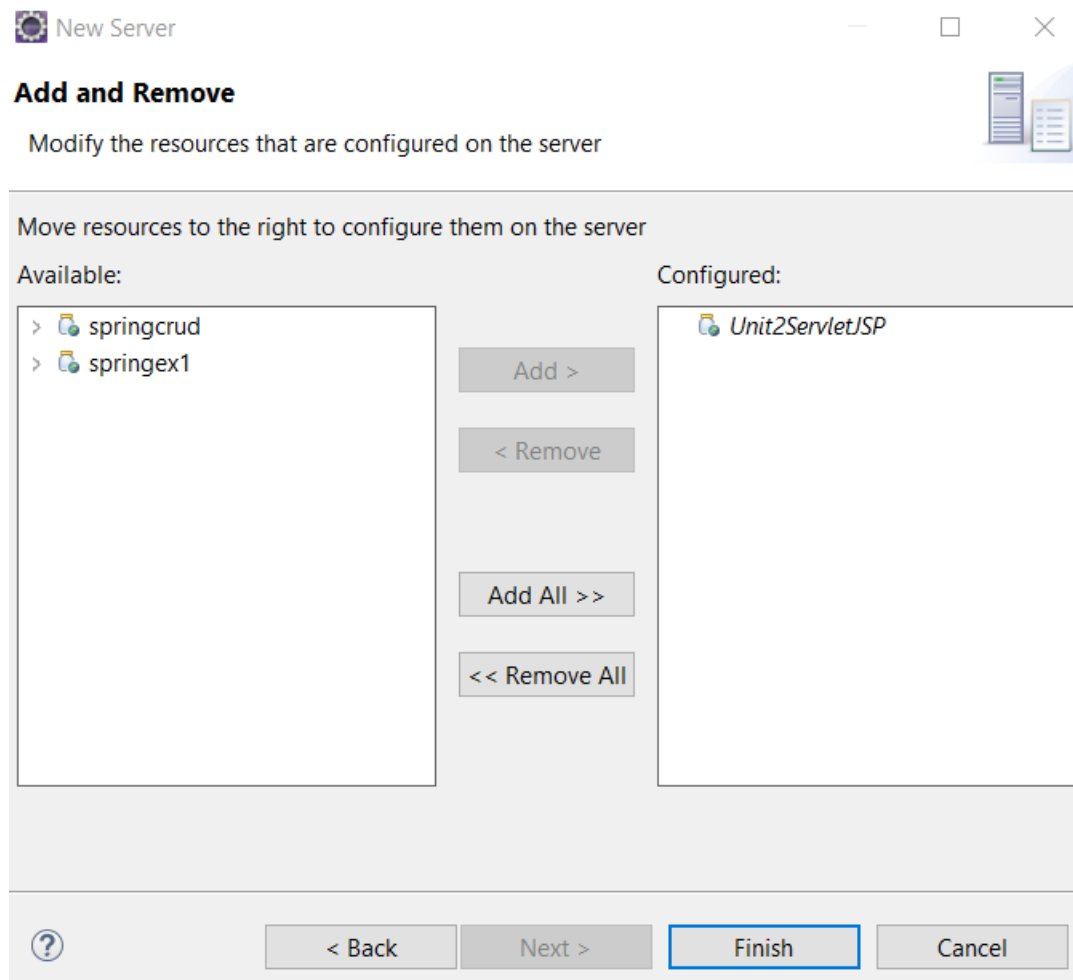


Click on Apache and select the 9.0 / 10.0 version from list.

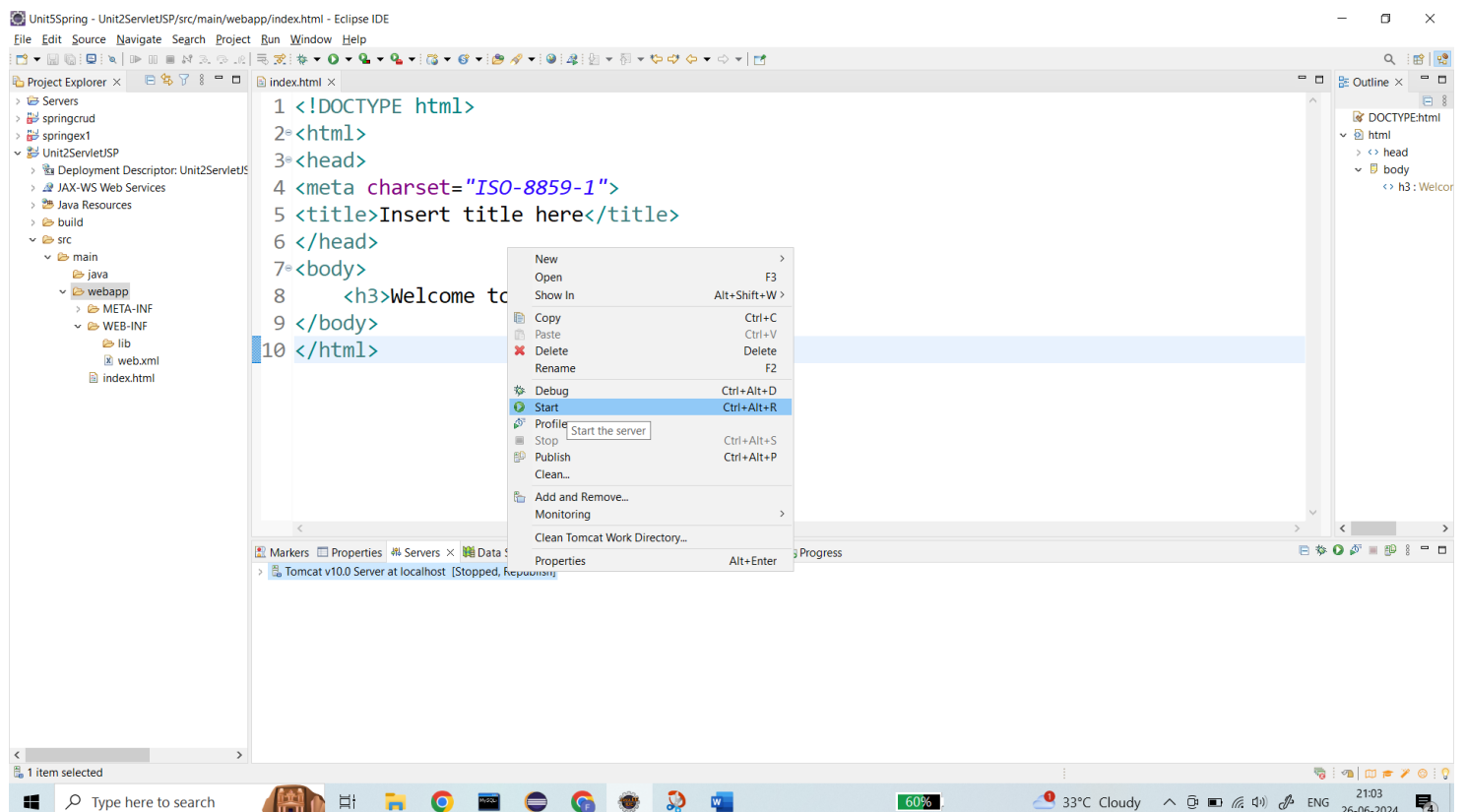


Click on next button and add the server to project.

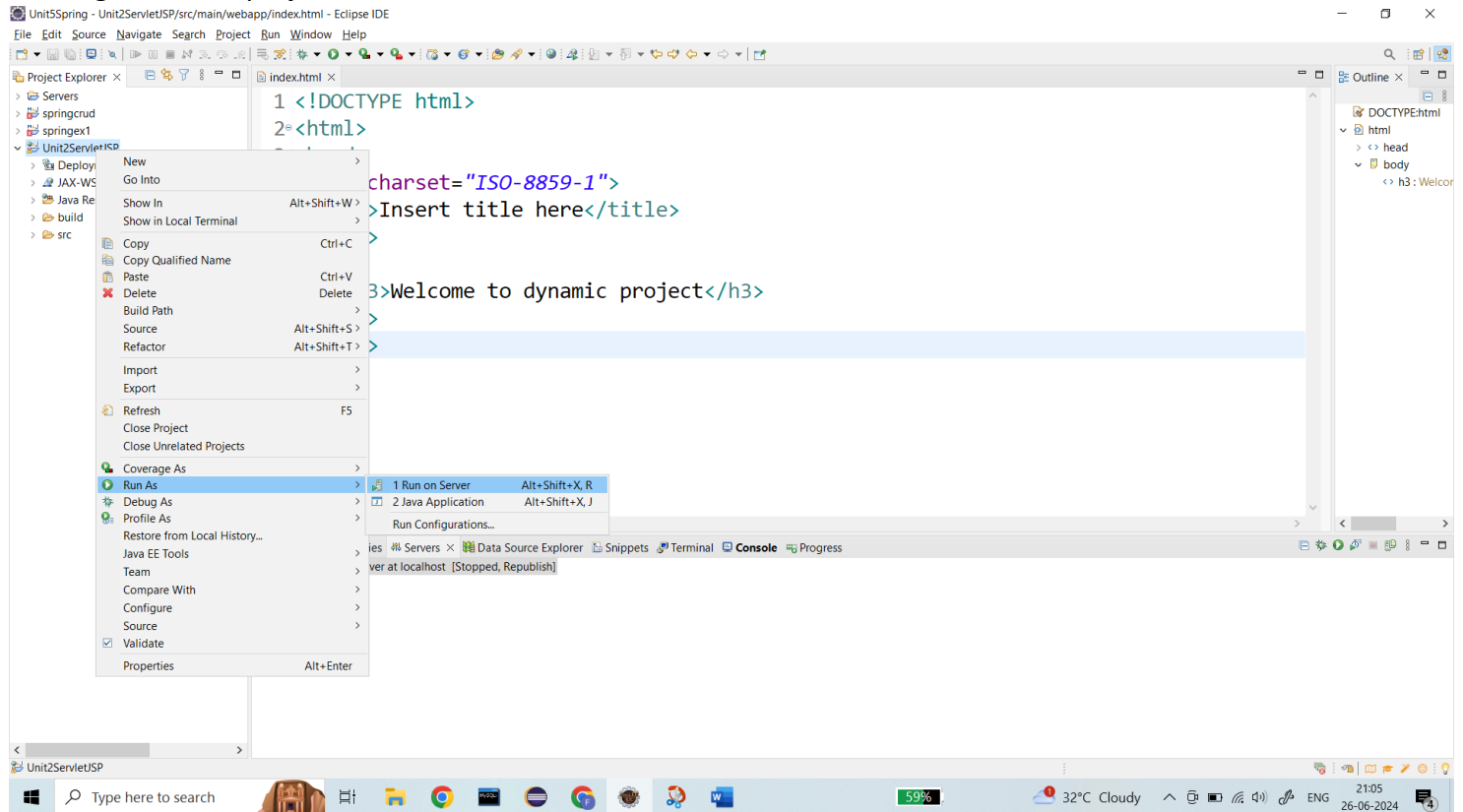
Select the project from list of projects and click to **ADD** -> Add project to the Apache server.



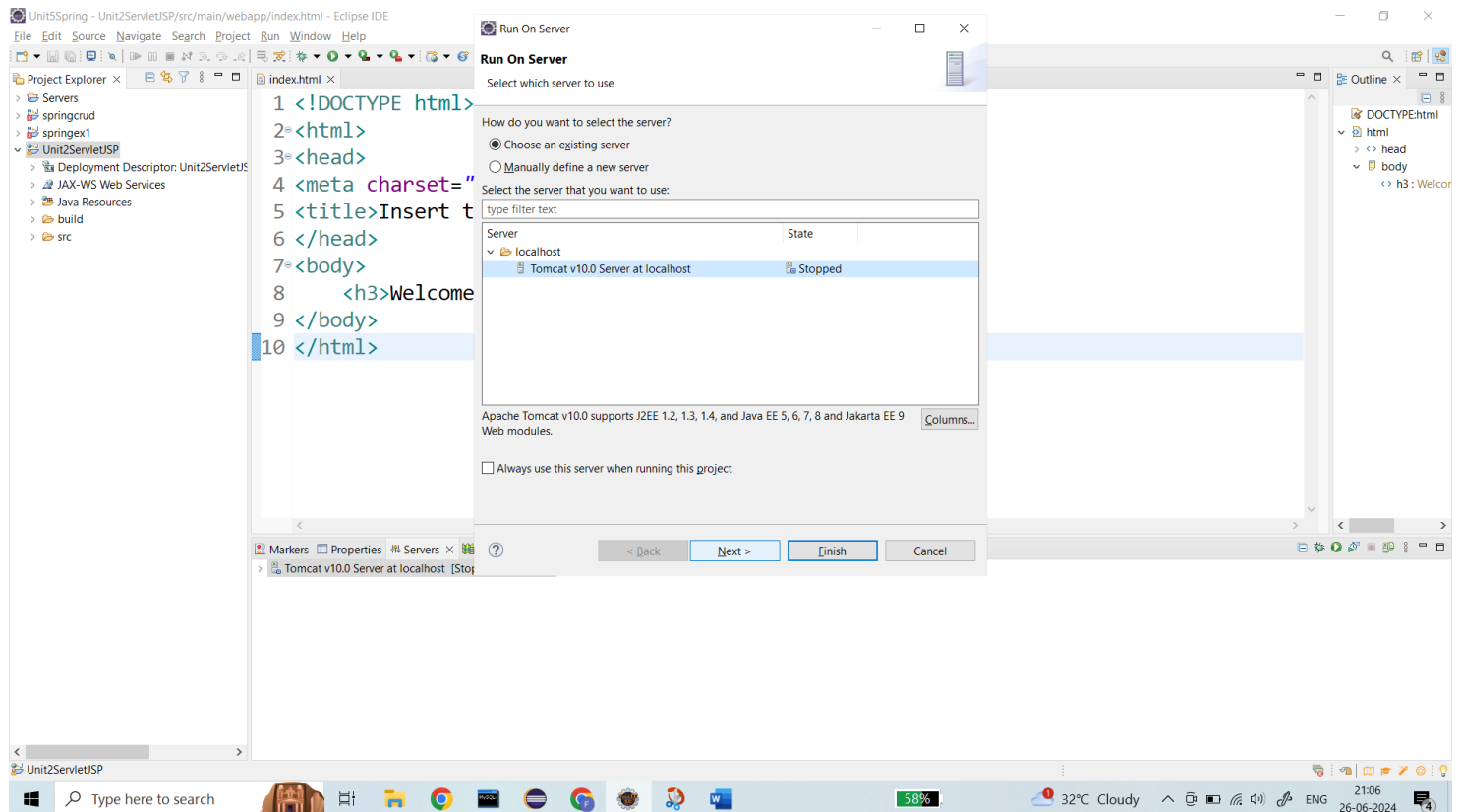
Now select the Server tab, Right click and then select **the start button**.



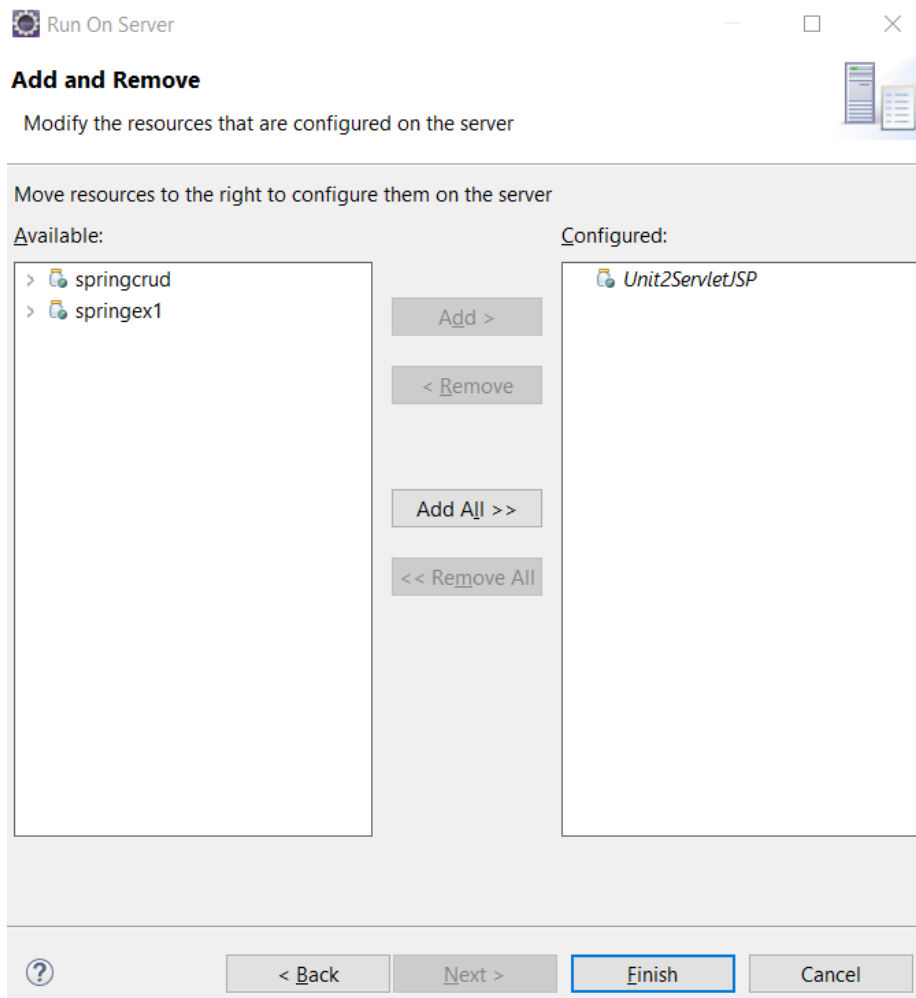
## Now right click on project and select **RUN ON server**



## Now select the Tomcat server, then click the **NEXT**

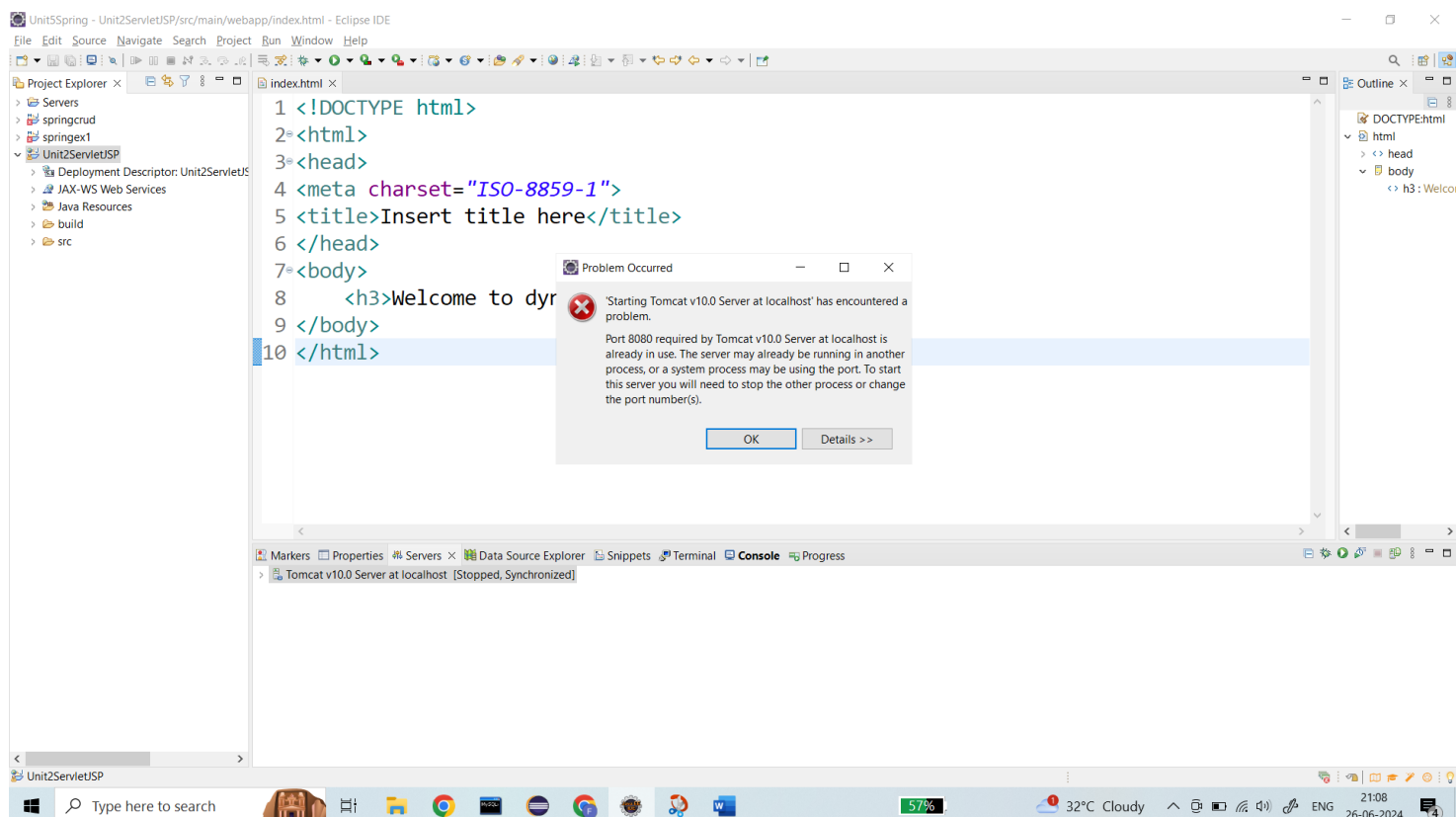


Please ensure current project must be listed in **CONFIGURED** list.



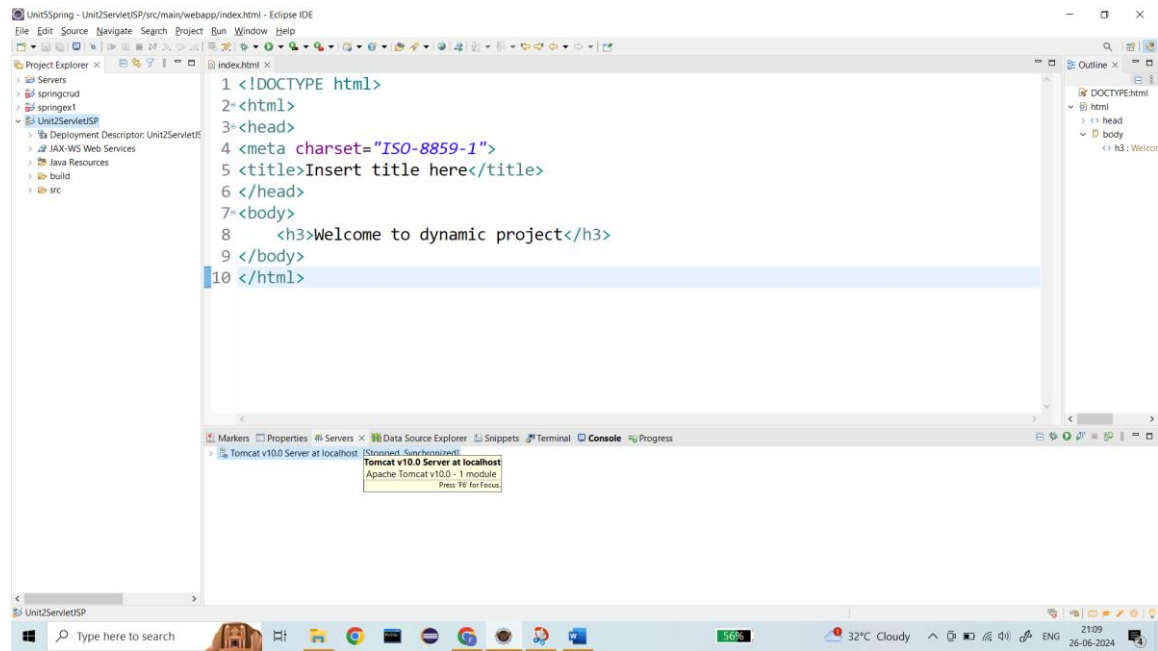
Click on **Finished**.

If display below message on screen , you need to set PORT number -> Click ok and follow the below steps.





Double click on configure server...



Once you Double click, it will display below screen.

Overview

General Information

Specify the host name and other common settings.

Server name:

Tomcat v10.0 Server at localhost

Host name:

localhost

Runtime Environment:

Apache Tomcat v10.0

Configuration path:

/Servers/Tomcat v10.0 Server at localhost-config

Browse...

Open launch configuration

Server Locations

Specify the server path (i.e. catalina.base) and deploy path. Server must be published with no modules present to make changes.

☒ Use workspace metadata (does not modify Tomcat installation)

☐ Use Tomcat installation (takes control of Tomcat installation)

☐ Use custom location (does not modify Tomcat installation)

Server path:

.metadata\plugins\org.eclipse.wst.server.core\tmp0

Browse...

Set deploy path to the default value (currently set)

Deploy path:

wtwebapps

Browse...

Server Options

Publishing

Timeouts

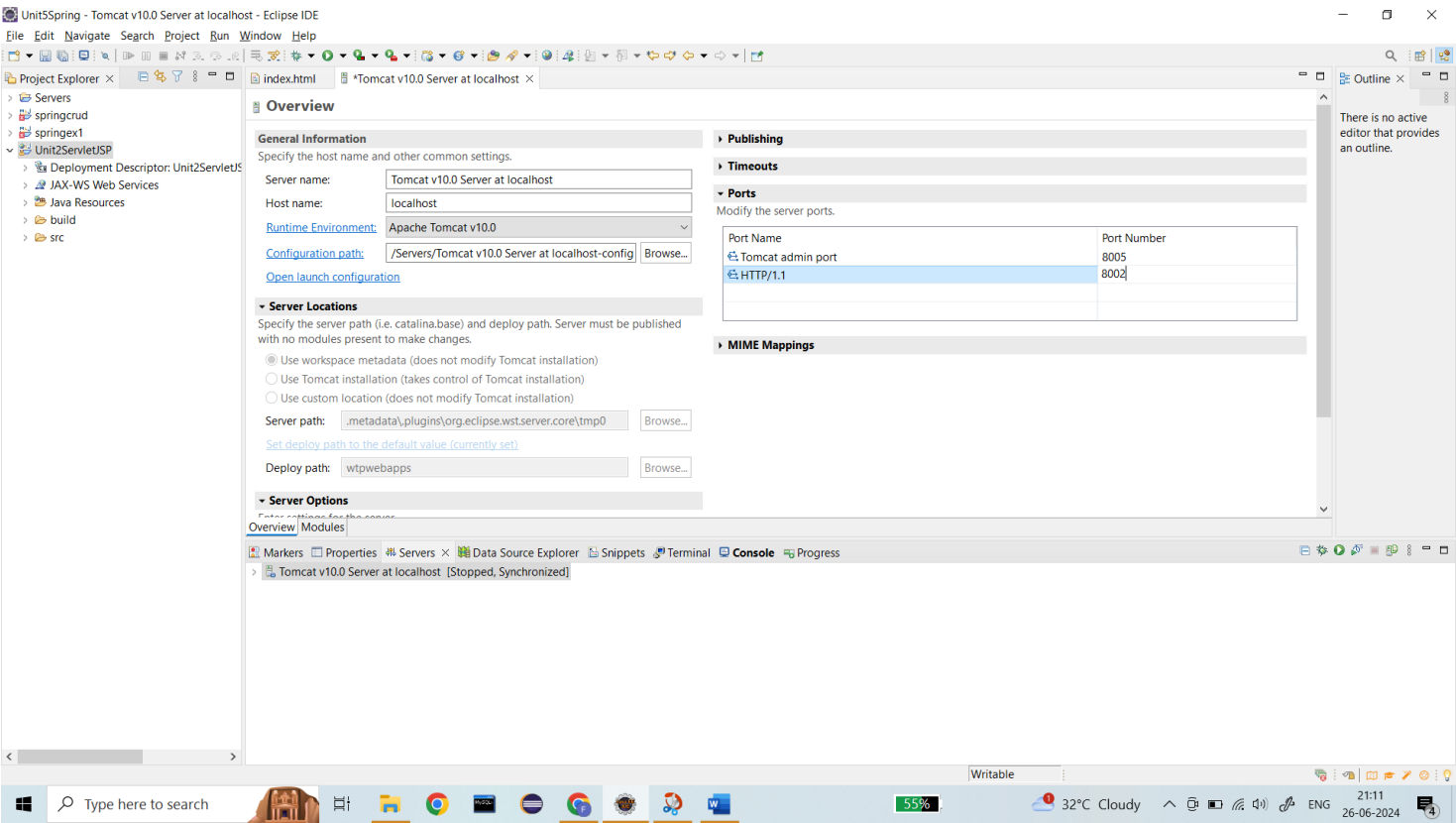
Ports

Modify the server ports.

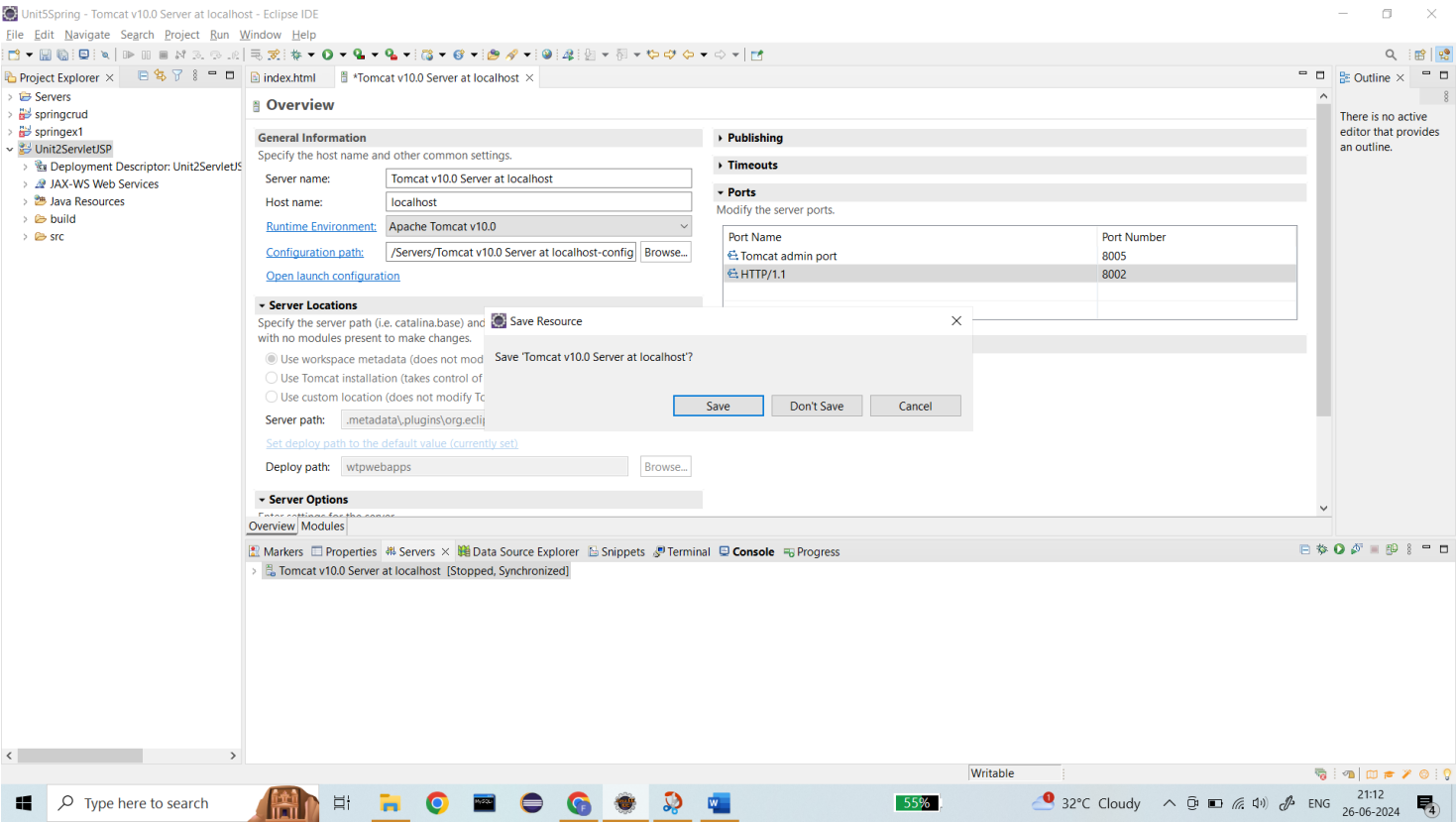
Port Name	Port Number
Tomcat admin port	8005
HTTP/1.1	8080

MIME Mappings

Click in Port

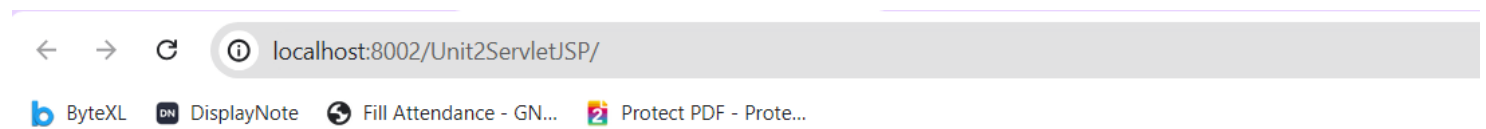


Here you change with available port number and save the port configuration.



Again Right click Project -> select RUN AS -> RUN ON SERVER. Follow the steps.

It will render the below page in Browser.



**Welcome to dynamic project**