

Experiment-7 (Part-1)

1.1 Objective:

Developing Servlets based applications

1.2 Learning Outcomes:

At the end learners will be able to:

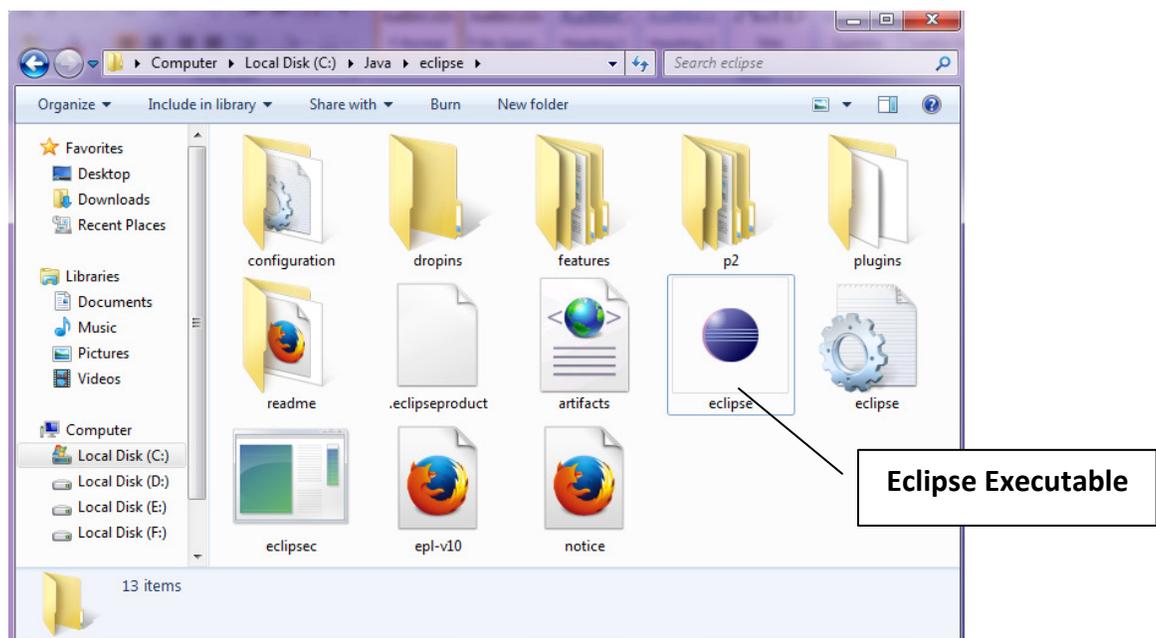
- Describe the working of Servlets.
- Explain and demonstrate the architectural aspects involved in Servlets application development.
- They will be able to justify the Tasks performed by servlets as a middle layer.
- Describe and understand the servlet life-cycle.

1.3 Resources required

- JDK, Net Beans, Eclipse.

1.4 Steps Involved

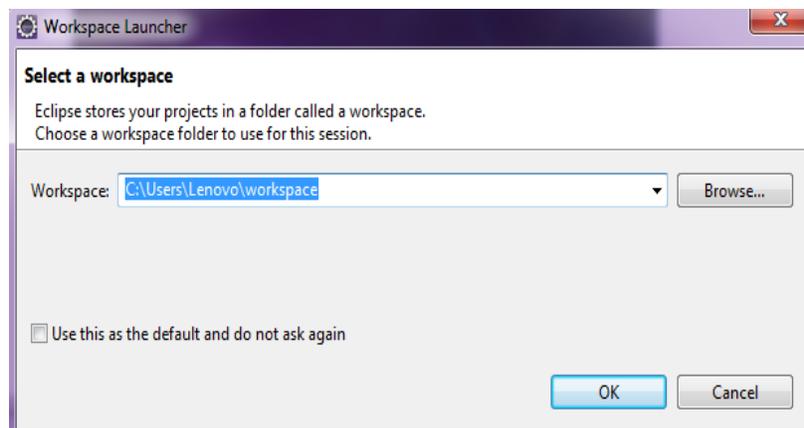
Step-1: Download Eclipse EE Developer and install in your machine by unzipping.



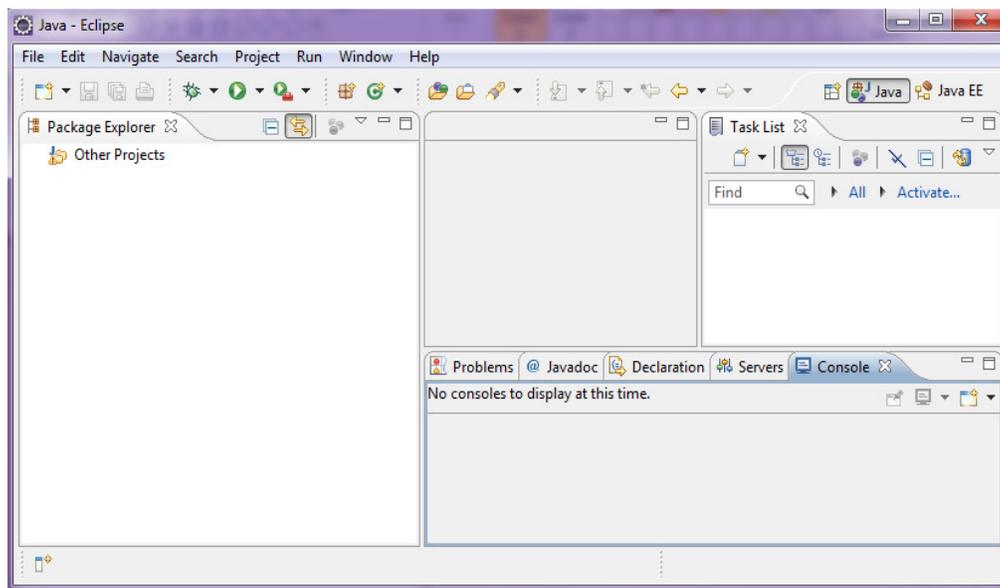
Step-2: open Eclipse executable



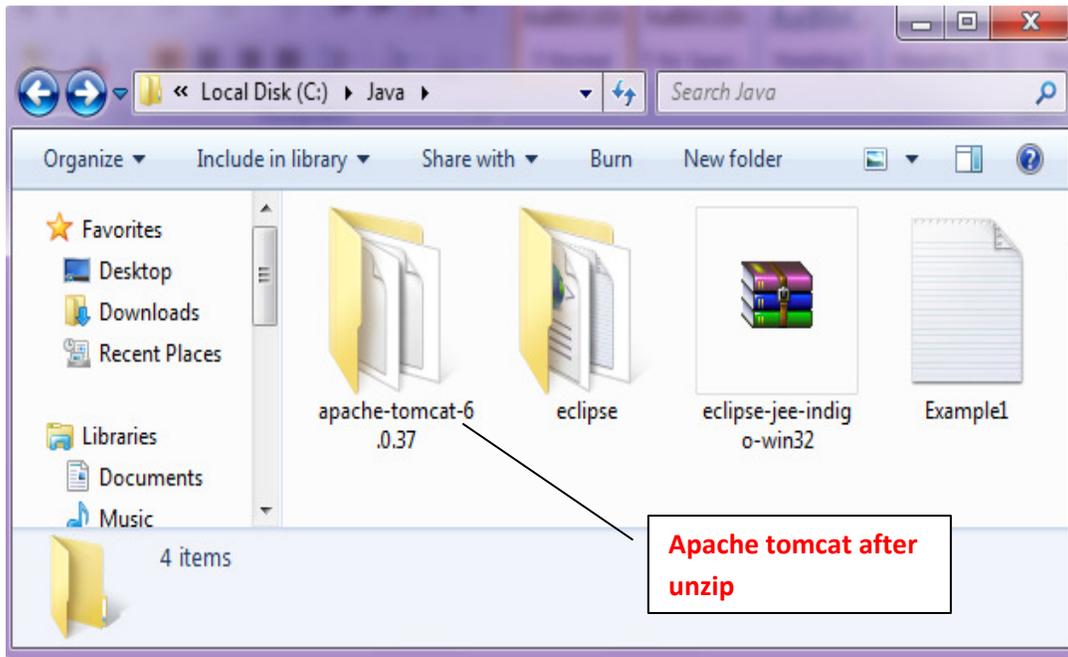
Step3: Select the workspace



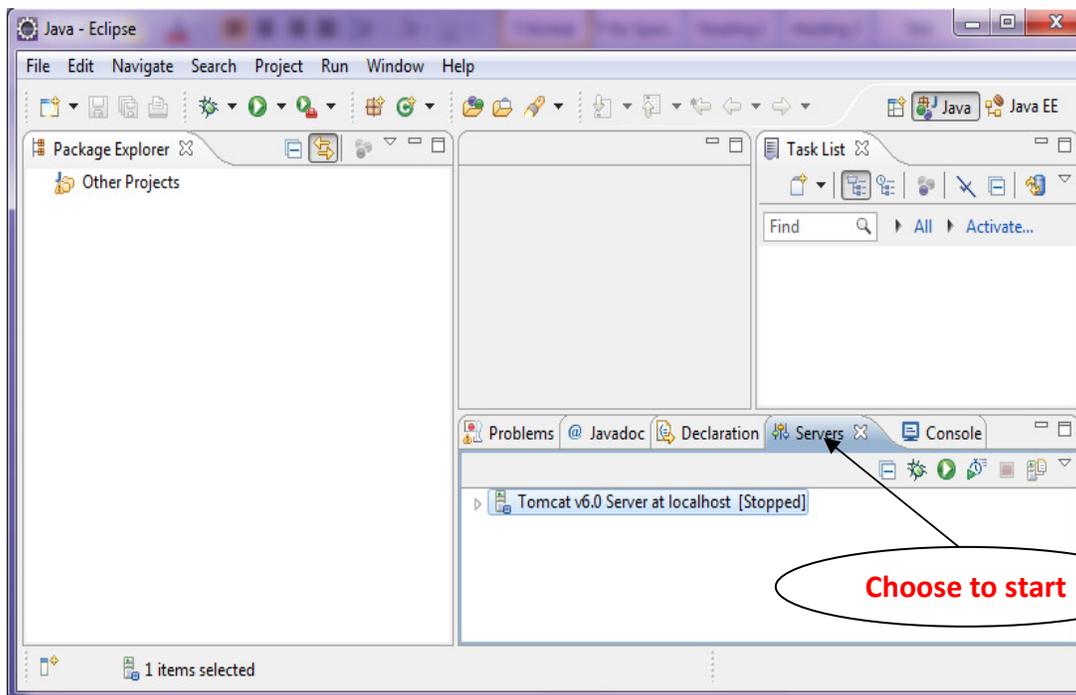
Step4: once you will choose the workspace you will see the IDE as shown below:



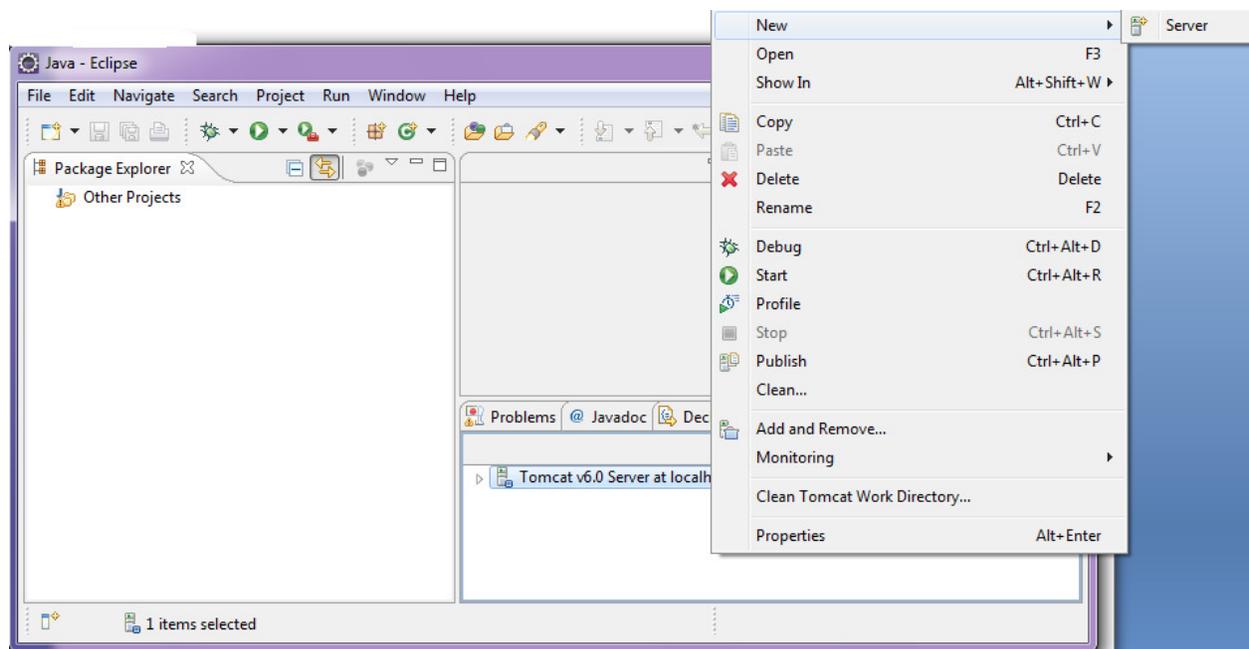
Step5: Download Tomcat and unzip.



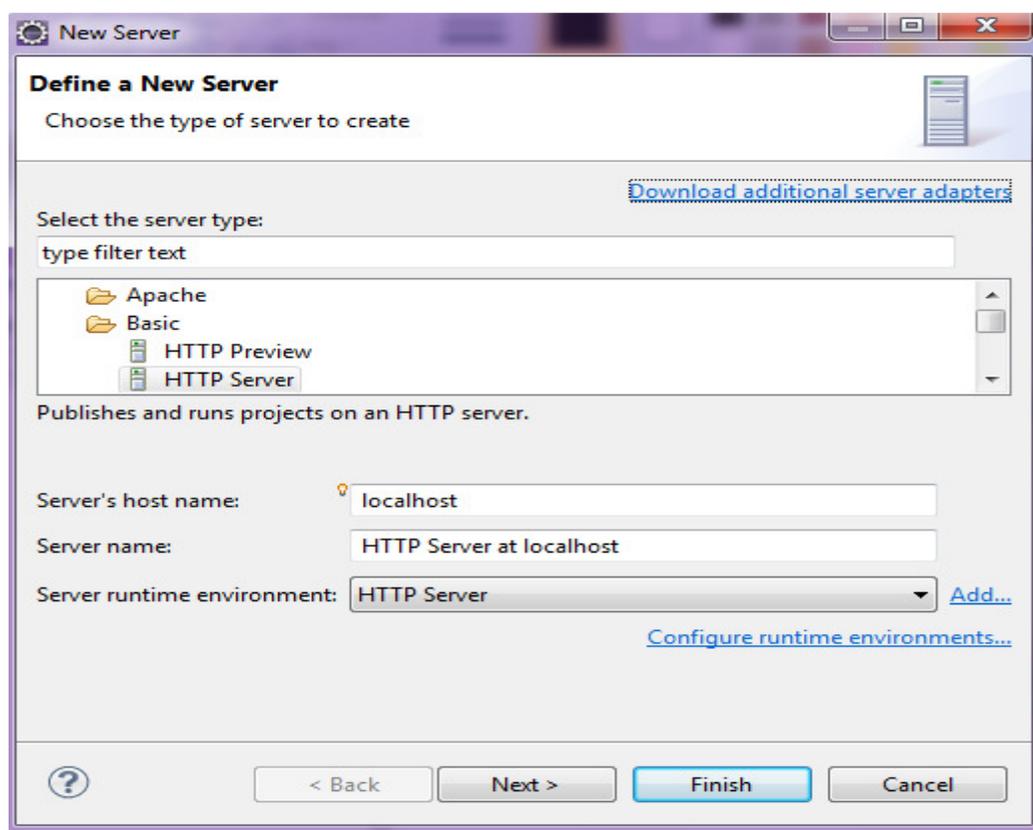
Step6: Starting the server using Eclipse.



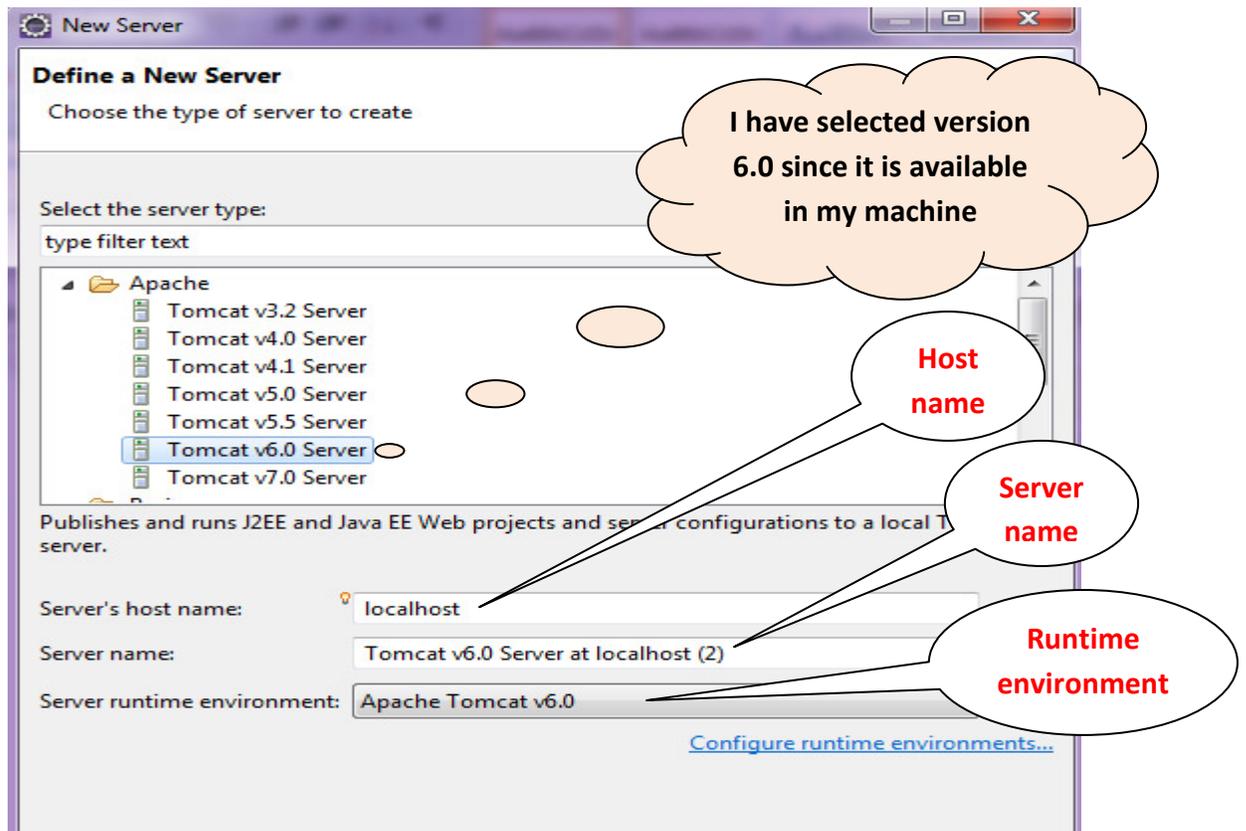
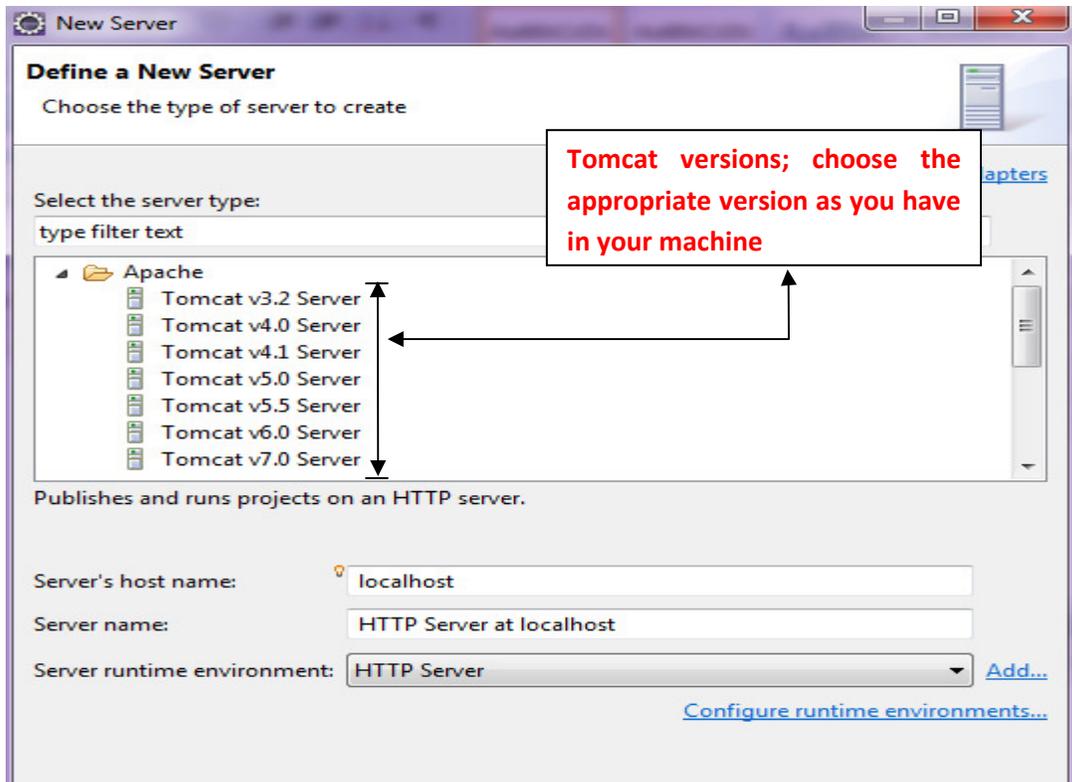
Step7: To configure the new server follow the steps as shown below:



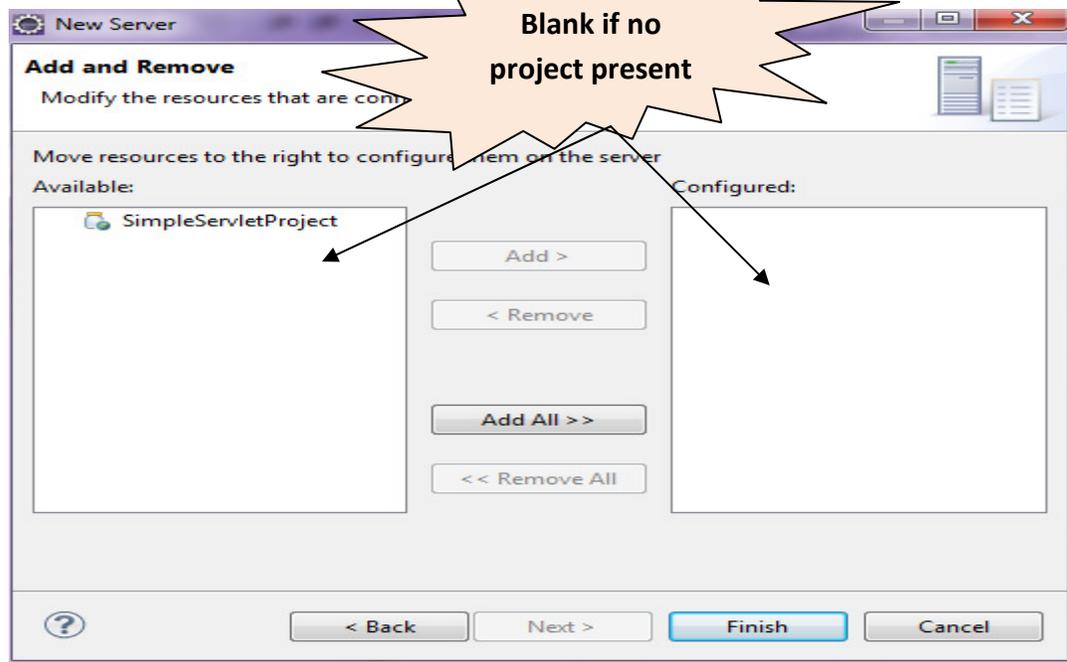
Step8: when you will click on server option you will see:



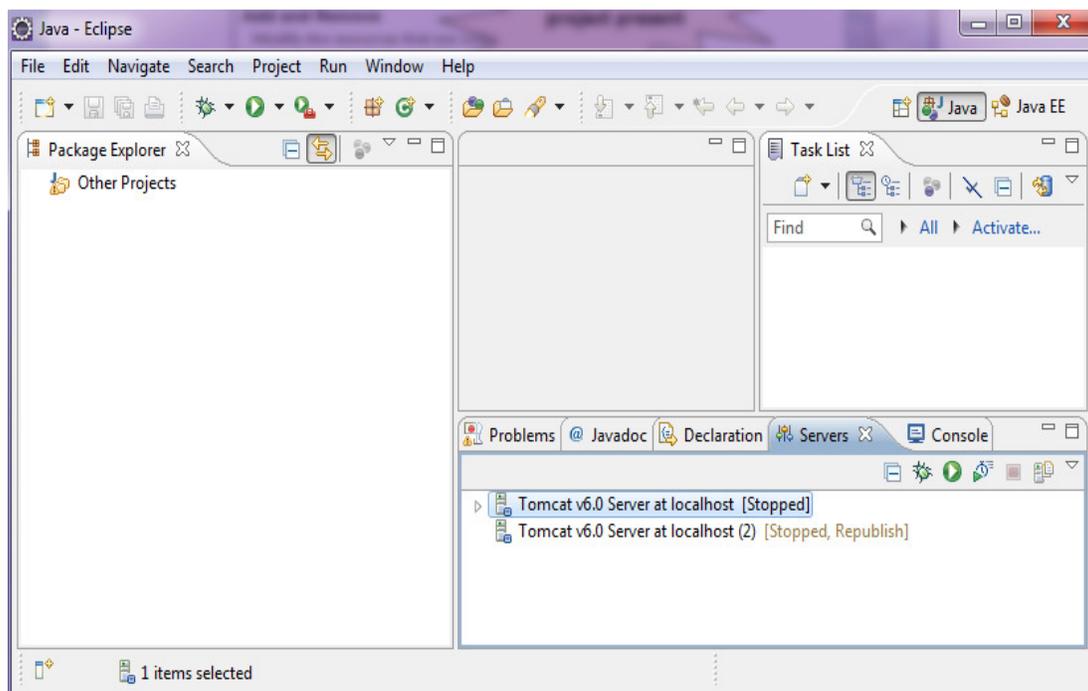
Step9: At this stage you need to choose the appropriate server you want. As we want to use Apache therefore we will chose the Tomcat serve.



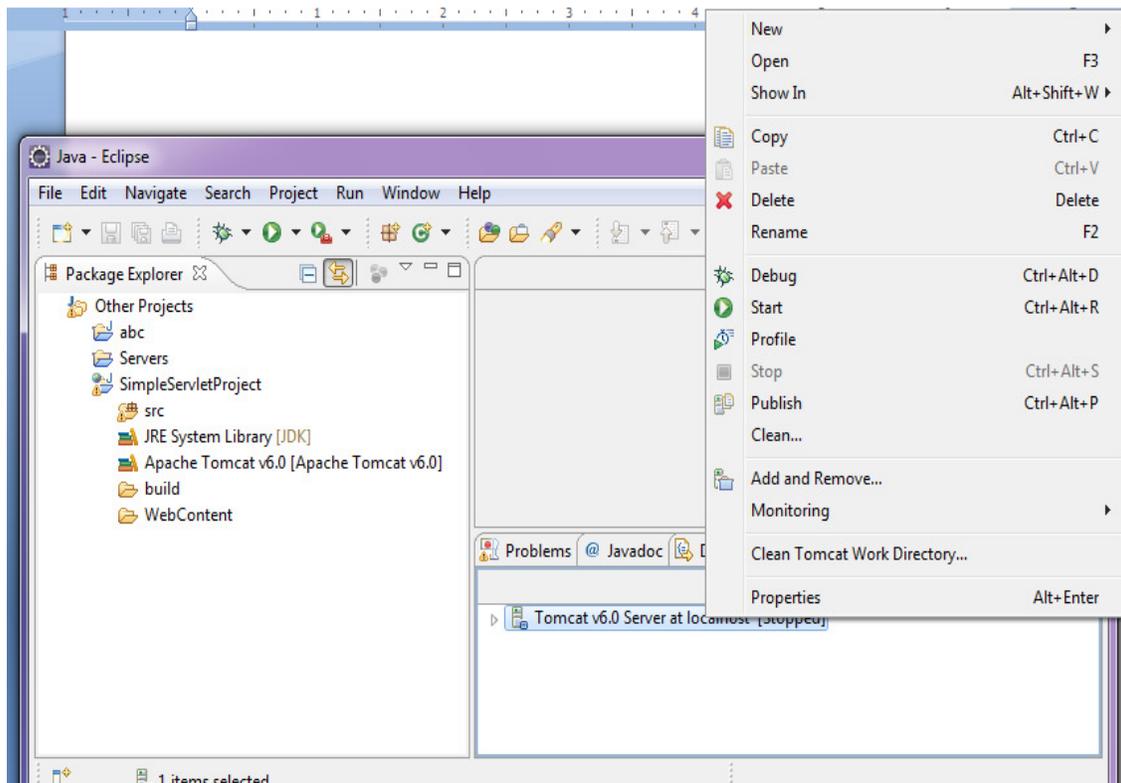
Now, click on next button.



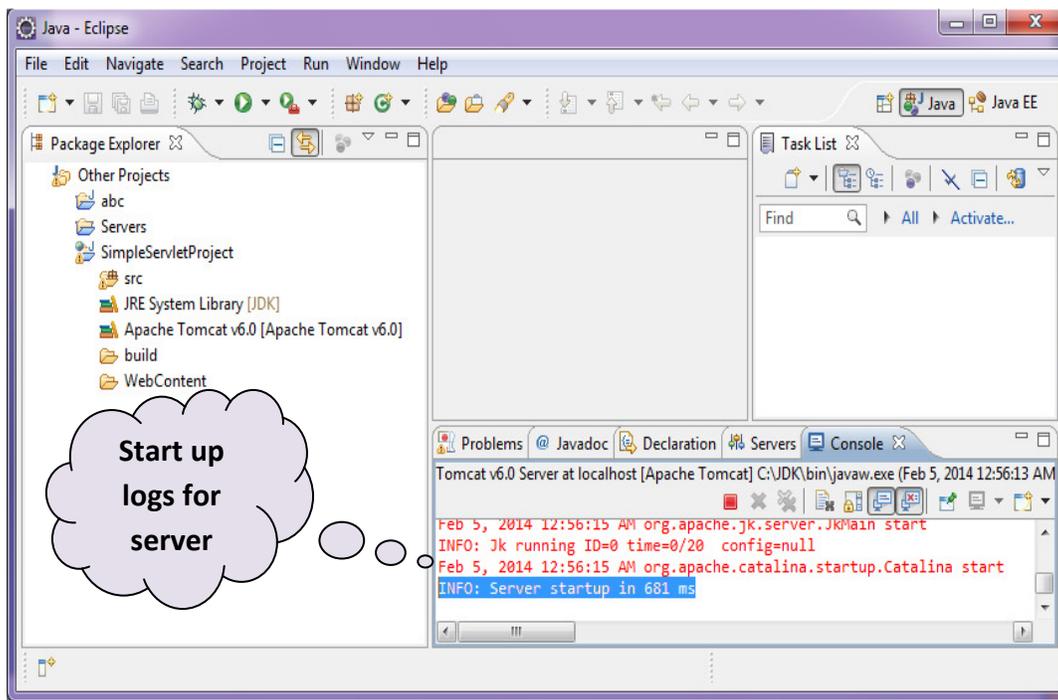
Then click on finish. Now, you can see the servers as shown in the below diagram.



Step10: click of start to start the server.



Step 11: Once, you will choose the start option, server will start and you can see the logs using console option.



Now, at this stage your server is ready to use.

Creating a servlet application:

[Follow Part-2]