

1. Prerequisites for setting up the given project in eclipse.

Installation of eclipse.

Installation of Tomcat server.

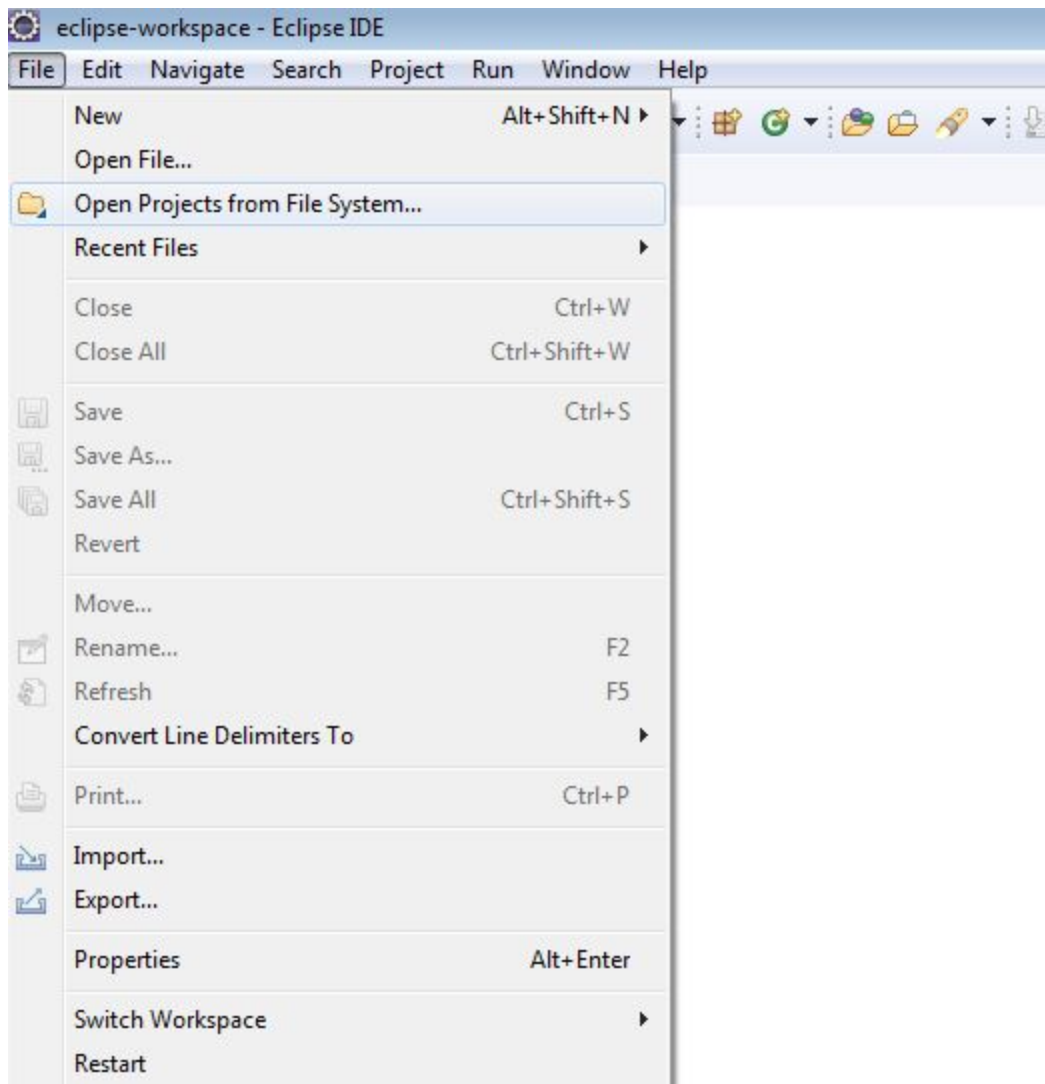
Download of PostgreSQL jdbc jar file.

The instructions for installation have been given in the “JAVA_J2EE_SETUP.pdf” handout which is uploaded on moodle.

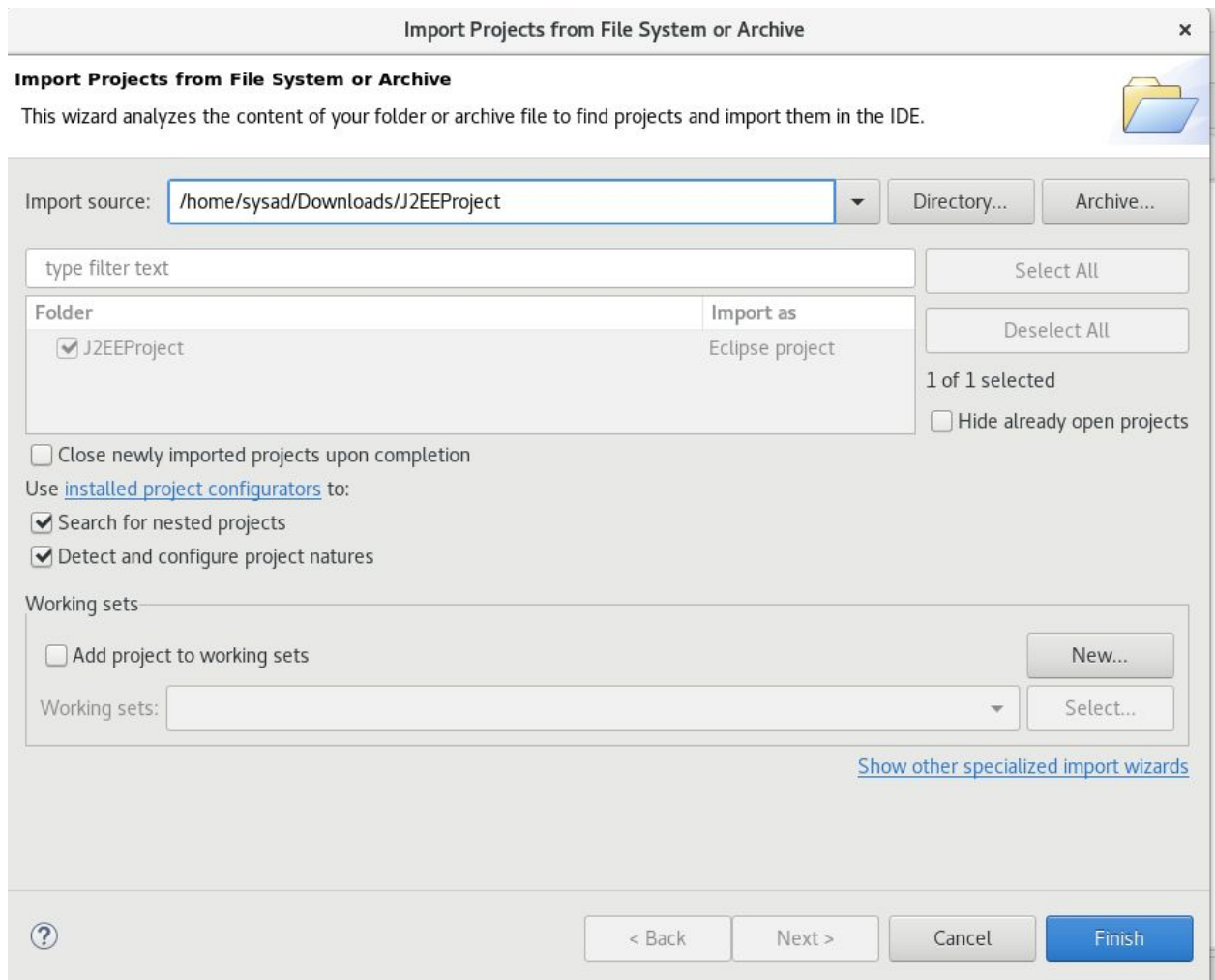
(skip the above step if your installation is done already)

2. Download the project “J2EEProject.zip” file from moodle. Extract to a specific directory.

3. Launch Eclipse. Click on File -> Open Project From File System.



4. Choose the directory of the extracted project in the import source section and click on Finish.



5. Fix errors if there are any. Some of the common errors are :

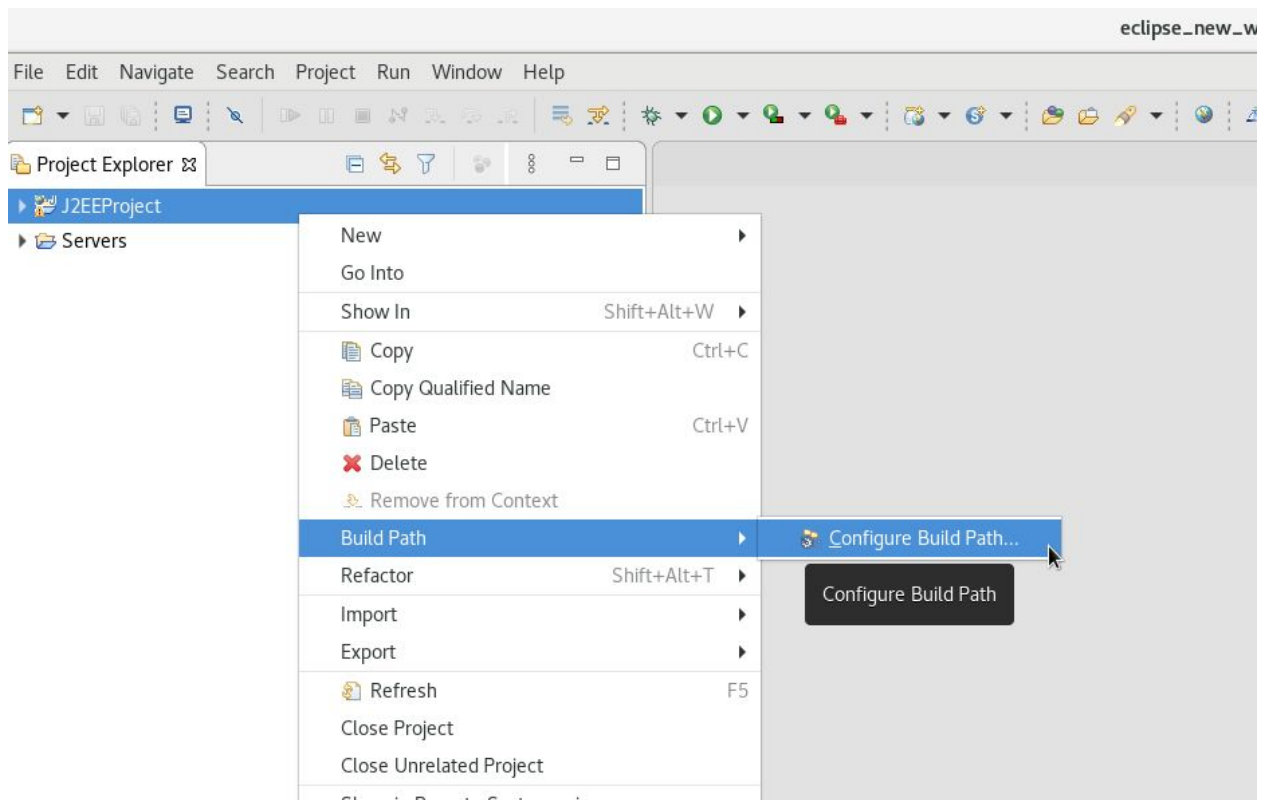
Error : Right click on the project ->Build ->configure build path.Check if it's showing error for postgres jar file missing.

Solution : Remove the jar file and add it again.This will resolve the issue.

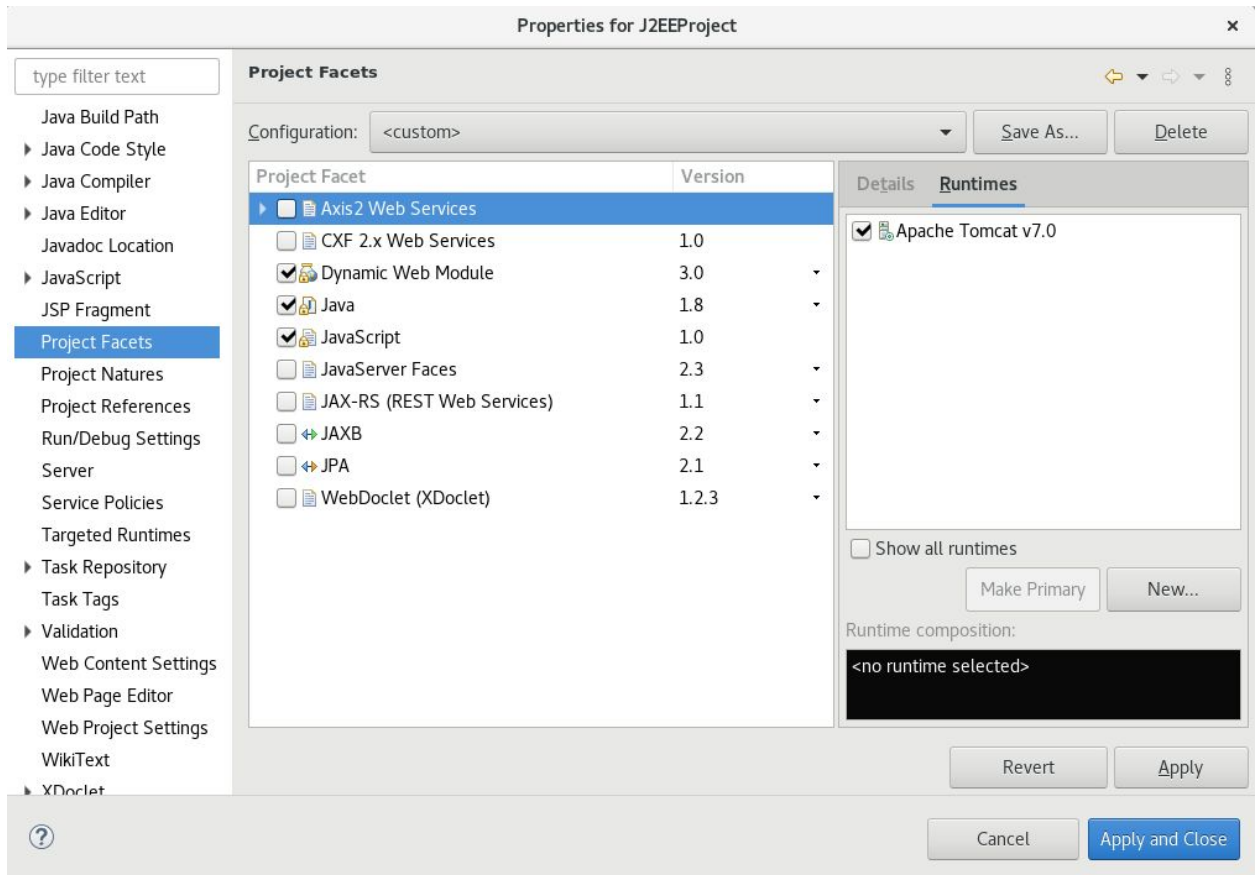
Error : If you are getting the following error “ HTTP Status 404 - Not Found .The origin server did not find a current representation for the target resource or is not willing to disclose that one exists”

Solution : Add tomcat server to the project structure as shown below:

- Right click the project -> Build Path -> Configure build path



- Click on Project Facets on the left panel , then hit the Runtime section on the right section of the window and choose apache tomcat server and click on the Apply and Close button.



6. To run the application, right click the project -> Run as -> Run on server.
Once the server is up, access the following URL

Example:

<http://localhost:8080/J2EEProject/>

Student Addition Form

http://localhost:8080/J2EEProject/

Student Details

Student Id

Student Name

Student Department

Student Total Credits

Then fill the form to insert data

localhost:8080/J2EEProject/

Student Details

Student Id

Student Name

Student Department

Student Total Credits

Verify if the data is inserted into database

```
sysad@hadoop-master: ~  
File Edit View Search Terminal Help  
university=# select * from student where id='34567';  
  id  |  name  | dept_name | tot_cred  
-----+-----+-----+-----  
 34567 | student1 | Finance  |      45  
(1 row)  
  
university=#
```