

★ Generics all programs

- File → New → Java Project → Give project Name → finish
- Right click on project → New → class → Give package name → Give classname → choose main method option → finish.

★ JSP programs (Server side programming)

- ① first add apache-tomcat server to eclipse IDE. (we already added)
- ② Server tab.
Windows → Show view → others → Server folder → server → open.
- ③ Right click on No servers are available
→ New → server → choose Tomcat v8.5 server → Next → Browse → choose C:/ → program files → apache software foundation → open Tomcat 8.5 folder → select folder → finish.
- ④ Right click on Tomcat v8.5 server
→ Start

Note - if error occurs one or more of ports are invalids. then ~~go to~~ double click on Tomcat v8.5 server at localhost
→ it will show properties → change Tomcat admin port 8082 → save
→ Now start server.

JSP Simple program

- * File → New → Others → web → Dynamic Web Project
→ Next → Give project Name → check Target Runtime (Apache Tomcat v8.5 is available or not...
... If not then add it by clicking on New runtime)
→ click on finish
- * (Add JSP file)
Right click on project → New → Others → web → JSP file → Give file name → finish
- * Run as → Run on server.
- * First always execute the file from which we enter input (Don't execute response.jsp)

JSP Database Program

- Start PgAdmin → Run as Administrator.
- Give the password abc.
- Expand the servers → Right click on postgres → connect to server → Give the password ... abc. → ok.
- Right click on schemas → Query tool.
- write create table query → execute the query.

on eclipse IDE.

File → New → other → web → Dynamic web
→ project → Give the project Name →
Check target Runtime → finish.

→ Right click on project → New → other
→ web → JSP file → Give the name →
finish.

★ important ★

- Copy postgresql-42.2.19 jar file

- paste it into

↳ ~~Expand~~ Expand Project

↳ Expand Src

↳ main

↳ webapp

↳ WEB-INF

↳ lib

(Right click & paste).

Always execute file, from which we enter
input.

Note. In case of errors always check table
name in query (JSP file) that should be
same as pgAdmin table (Java is case
sensitive).

- second always check JAR file added
or not.