**Course 2 - Backend and Database Development**

**Developing Web application Servlet with JDBC**

**Create table in mysql database**

create table login(emailid varchar(30) primary key,password varchar(30));

we need to create dynamic web project with tomcat version 9.x

**login.html** --🡪first page SignIn

emailid and password and signin with action as SignIn URL mapping with method as post.

**signup.html** -🡪 SignUp

emailid and password and signup with action as SignUp URL mapping with method as post.

**SignUpServlet**

doGet / doPost

we create PrintWriter class object. using request.getParameter we receive emailid and password from signup.html page. Then we write jdbc code ie load the driver, connect to db, create preparedstatement and executeUpdate method to insert the records. After account created we include same signup.html page with help of request dispatcher include method. if account already present we display error message and include same page.

**SignInServlet**

doGet /doPost

we create PrintWriter class object. using request.getParameter we receive emailid and password from login.html page. Then we write jdbc code ie load the driver, connect to db, create preparedstatement and executeQuery method with select query with where clause as emailid and password if account present then with help request dispatcher forward method we move to HomeServlet/home.html. If emailid or password wrong we display error message and include same login.html page.

Non window user open terminal

**sudo mysql -u root -p**

show databases;

use databasename;

show tables;

create table login(emailid varchar(30) primary key,password varchar(30));