**Assignment(26/06/2020)**

**//login.html**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<meta name=*"viewport"* content=*"width=device-width , initial-scale=1.0"*>

<link rel=*"stylesheet"* href=*"https://www.w3schools.com/w3css/4/w3.css"*>

<link rel=*"stylesheet"* href=*"style12.css"*>

</head>

<body>

<form action=*'login.jsp'* method=*'get'*>

<center>

<div class=*"login"*>

<img src=*"avatar.jpeg"*>

<h1> Login here</h1>

<input type=*"text"* name=*"username"* placeholder=*"enter username"*><br> </br>

<input type=*"text"* name=*"password"* placeholder=*"enter password"*><br> </br>

</center>

<center>

<input type=*"submit"* value=*"Log in"*><br>

</center>

<a href=*"register.html"*><b>Don't have an account? create new one.<b></a><br/>

</div>

</form>

</body>

</html>

//login.java

**package com.hcl.dao;**

**import java.sql.Connection;**

**import java.sql.DriverManager;**

**import java.sql.PreparedStatement;**

**import java.sql.ResultSet;**

**import java.sql.SQLException;**

**public class login {**

**String username;**

**String password;**

**public login() {**

**}**

**public String getUsername() {**

**return username;**

**}**

**public void setUsername(String username) {**

**this.username = username;**

**}**

**public String getPassword() {**

**return password;**

**}**

**public void setPassword(String password) {**

**this.password = password;**

**}**

**public boolean validateDao() {**

**boolean status = false;**

**if(LoginDao.validate(username, password)) {**

**status=true;**

**}**

**return status;**

**}**

**}**

**//loginDao.java**

**package com.hcl.dao;**

**import java.sql.Connection;**

**import java.sql.DriverManager;**

**import java.sql.PreparedStatement;**

**import java.sql.ResultSet;**

**import java.sql.SQLException;**

**public class LoginDao {**

**public static boolean validate(String name,String password){**

**boolean status=false;**

**try{**

**Class.forName("oracle.jdbc.driver.OracleDriver");**

**Connection con=DriverManager.getConnection( "jdbc:oracle:thin:@localhost:1521/XE","dbuser","1234");**

**System.out.println("connected");**

**PreparedStatement ps=con.prepareStatement( "select \* from register where name=? and password=?");**

**ps.setString(1,name);**

**ps.setString(2,password);**

**ResultSet rs=ps.executeQuery();**

**status=rs.next();**

**}catch(java.lang.ClassNotFoundException e) {**

**System.out.println("Oracle Driver not found");**

**}**

**catch(SQLException ex) {**

**System.out.println("SQLException:" + ex.getMessage());**

**}**

**return status;**

**}**

**}**

**//login.jsp**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Login</title>

<jsp:useBean id=*'login'* class=*"com.hcl.dao.login"*/>

<jsp:setProperty property=*"\*"* name=*"login"*/>

</head>

<body>

<%

**if**(login.validateDao()){

out.print("Successfully login");

}**else**{

out.println("Not Login" );

}

%>

</body>

</html>

//register.html

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title> Registration </title>

<meta name=*"viewport"* content=*"width=device-width , initial-scale=1.0"*>

<link rel=*"stylesheet"* href=*"https://www.w3schools.com/w3css/4/w3.css"*>

<link rel=*"stylesheet"* href=*"https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css"*>

<link rel=*"stylesheet"* type=*"text/css"* href=*"regstyle.css"*>

</head>

<body>

<div class=*"div5"*>

<div class=*"w3-container w3-mobile"* id=*"div2"*>

<h1> REGISTRATION </h1>

</div>

<center>

<div class=*"w3-container w3-mobile w3-padding-14 "* id=*"div3"*>

<form class=*"w3-container w3-mobile w3-border"* id=*"form1"* action=*"register.jsp"* method=*"get"*>

<div class=*"w3-container w3-mobile w3-bar w3-padding-16"* class=*"div1"*>

<label class=*"w3-bar-item"*> Name : </label>

<input class=*"w3-input w3-border w3-bar-item w3-right w3-card"* name=*"name"* type=*"text"* placeholder=*"Enter your name"* required autofocus>

</div>

<div class=*"w3-container w3-mobile w3-bar w3-padding-16"* class=*"div1"*>

<label class=*"w3-bar-item"*> Email: </label>

<input class=*"w3-input w3-border w3-bar-item w3-right w3-card"* name=*"email"* type=*"email"* placeholder=*"Enter your email"* required>

</div>

<div class=*"w3-container w3-mobile w3-bar w3-padding-16"* class=*"div1"*>

<label class=*"w3-bar-item"*> Mobile: </label>

<input class=*"w3-input w3-border w3-bar-item w3-right w3-card"* name=*"mobile"* type=*"text"* placeholder=*"Enter your mobileno"* required>

</div>

<div class=*"w3-container w3-mobile w3-bar w3-padding-16"* class=*"div1"*>

<label class=*"w3-bar-item"*>Gender : </label>

<label class=*"w3-bar-item w3-right"*>Female</label>

<input class=*"w3-radio w3-bar-item w3-right"* type=*"radio"* name=*"gender"* value=*"female"*>

<label class=*"w3-bar-item w3-right"*>Male</label>

<input class=*"w3-radio w3-bar-item w3-right"* type=*"radio"* name=*"gender"* value=*"Male"*>

</div>

<div class=*"w3-container w3-mobile w3-bar w3-padding-16"* class=*"div1"*>

<label class=*"w3-bar-item"*> Password: </label>

<input class=*"w3-input w3-border w3-bar-item w3-right w3-card"* name=*"password"* type=*"password"* placeholder=*"Password"* required>

</div>

<div class=*"w3-container w3-mobile w3-bar w3-padding-16"* class=*"div1"*>

<label class=*"w3-bar-item"*> Confirm Password: </label>

<input class=*"w3-input w3-border w3-bar-item w3-right w3-card"* name=*"confirmpassword"* type=*"password"* placeholder=*"Confirm Password"* required>

</div>

<div class=*"w3-container w3-mobile w3-bar w3-padding-16"* id=*"div3"*>

<button class=*"w3-button w3-border w3-ripple w3-round-large w3-green"*>Submit</button>

<button class=*"w3-button w3-border w3-ripple w3-round-large w3-green"*>Reset</button>

</div>

</form>

</div>

</center>

</div>

</body>

</html>

//register.java

package com.hcl.dao;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

public class Register {

// TODO Auto-generated method stub

String name;

String email;

String phone;

String gender;

String password;

String confirmpassword;

public Register() {

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public String getEmail() {

return email;

}

public void setEmail(String email) {

this.email = email;

}

public String getPhone() {

return phone;

}

public void setPhone(String mobile) {

this.phone = mobile;

}

public String getGender() {

return gender;

}

public void setGender(String gender) {

this.gender = gender;

}

public String getPassword() {

return password;

}

public void setPassword(String password) {

this.password = password;

}

public String getConfirmpassword() {

return confirmpassword;

}

public void setConfirmpassword(String confirmPassword) {

this.confirmpassword = confirmPassword;

}

public boolean insert() {

boolean success = false;

try{

//"Dyanamically" load the class

Class.forName("oracle.jdbc.driver.OracleDriver");

//create a connection object and connect to database

Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521/XE","dbuser","1234");

if(RegisterDao.validate(email)){

success=false;

}else {

PreparedStatement ps=con.prepareStatement("insert into register values(?,?,?,?,?,?)");

ps.setString(1,name);

ps.setString(2,email);

ps.setString(3,phone);

ps.setString(4,gender);

ps.setString(5,password);

ps.setString(6,confirmpassword);

int i=ps.executeUpdate();

System.out.println(ps.executeUpdate());

success=true;

}

}catch(java.lang.ClassNotFoundException e) {

System.out.println("Oracle Driver not found");

}

catch(SQLException ex) {

System.out.println("SQLException:" + ex.getMessage());

}

return success;

}

}

//registerDao.java

package com.hcl.dao;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

public class RegisterDao {

public static boolean validate(String email){

boolean status=false;

try{

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection con=DriverManager.getConnection( "jdbc:oracle:thin:@localhost:1521/XE","dbuser","1234");

System.out.println("connected");

PreparedStatement ps=con.prepareStatement( "select \* from register where email=?");

ps.setString(1,email);

ResultSet rs=ps.executeQuery();

status=rs.next();

}catch(java.lang.ClassNotFoundException e) {

System.out.println("Oracle Driver not found");

}

catch(SQLException ex) {

System.out.println("SQLException:" + ex.getMessage());

}

return status;

}

}

//register.jsp

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@ page import=*"java.sql.\*"* import=*"java.io.\*"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Registration</title>

<jsp:useBean id=*"register"* class=*"com.hcl.dao.Register"*>

<jsp:setProperty name=*"register"* property=*"\*"*/>

</jsp:useBean>

</head>

<body>

<% **if**(register.insert()) {

out.println("<center><h1>User registered successfully</h1></center>");

}

**else** {

out.println("<center><h1>Some error happened</h1></center>");

}

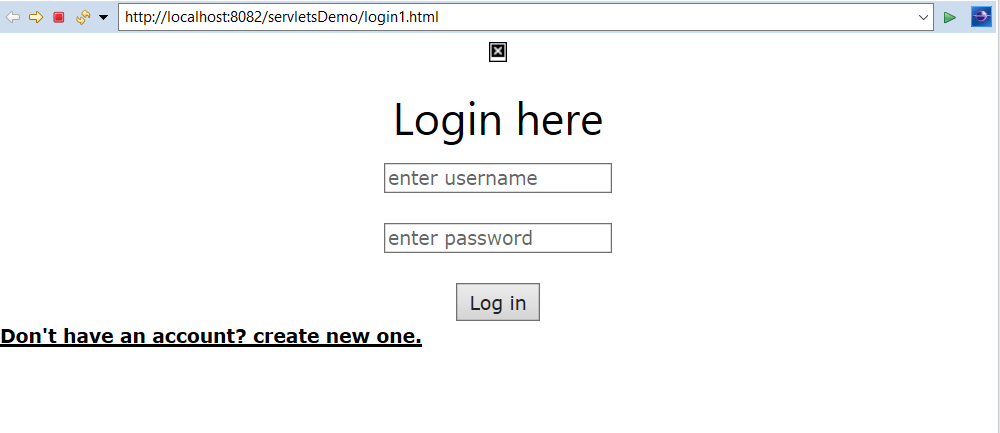
%>

</body>

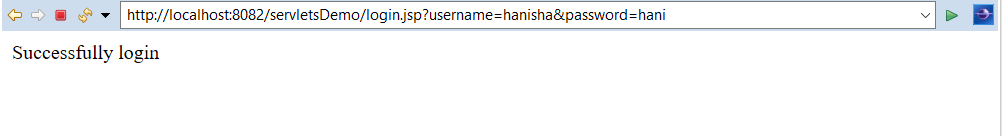
</html>

Outputs:

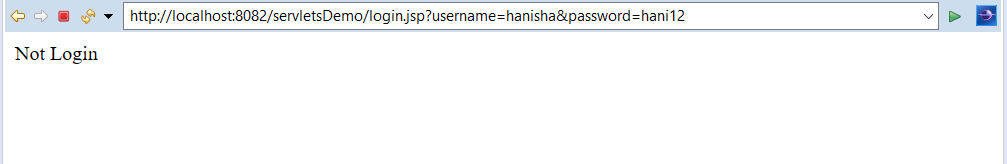
Login page:



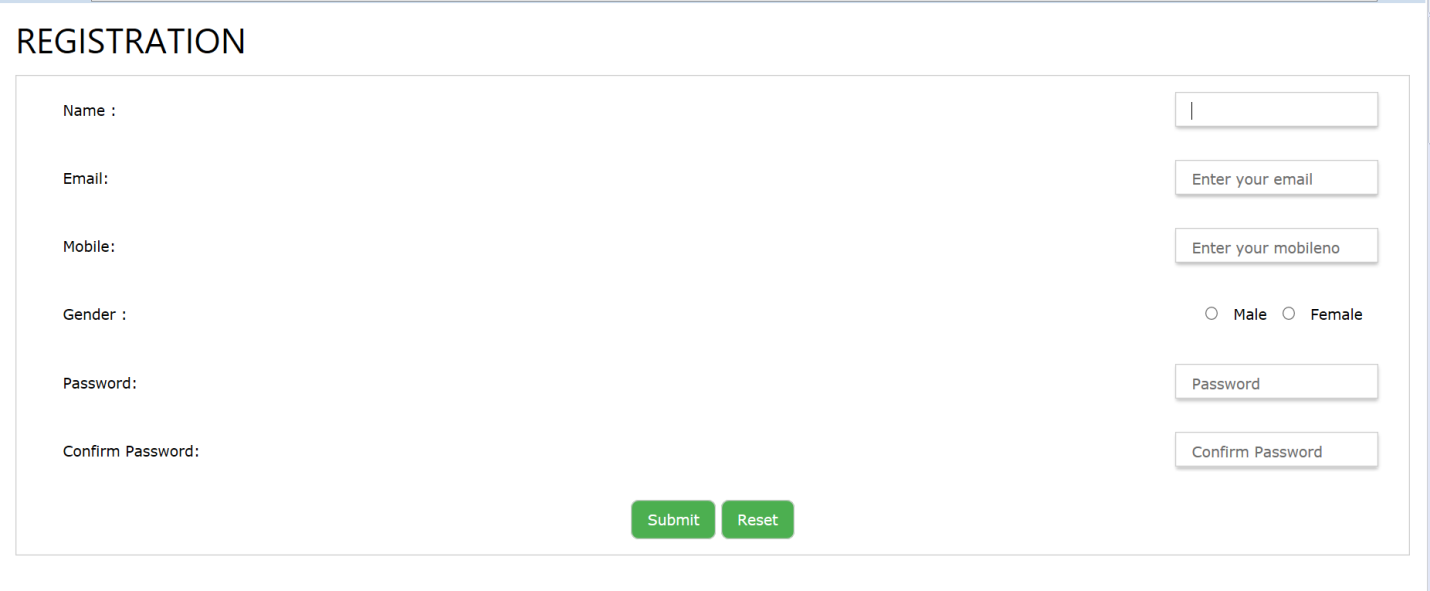
If username and password are valid then print “successfully login”.



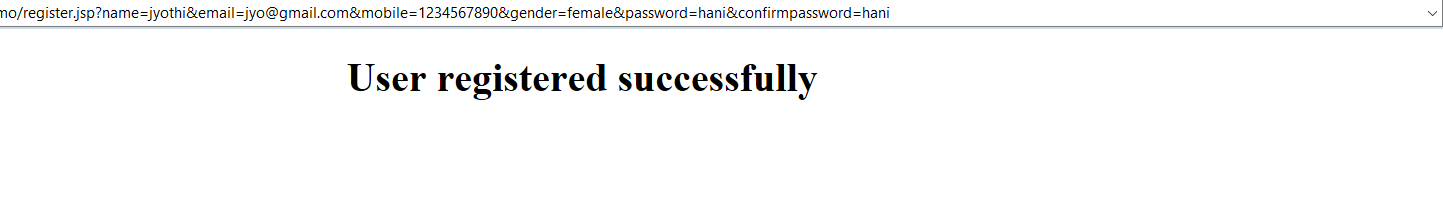
If username and password are not valid then print “not login”.



Registration page



If email is not registered then print “user registered successfully” .

if email already exists then print “some error happened”.

