# Amity University, Kolkata - Wikipedia

# 

# NAME: TARUN KUMAR DEY

# ENROLLMENT NO: A91005221040

# INSTITUTE: AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY

# COURSE TITLE: ADVANCED JAVA PROGRAMMING

# *COURSE CODE: IT404*

PROGRAMME: B. TECH CSE

SEMISTER: VI

# SEC: B

# BATCH: 2021-2025

#### SUBMITTED TO: Dr MOUMITA BASU

**DAY 1**

**01.**

<!DOCTYPE html>

<html >

<head>

<title>My first web page</title>

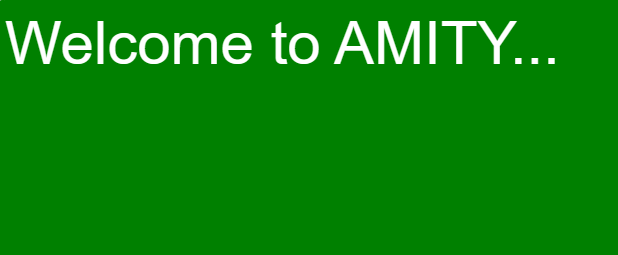
</head>

<body bgcolor=*"green"*>

<font size=*"16"* color=*"white"* face=*"Arial"*> Welcome to AMITY...</font>

</body>

</html>



**02.**

<!DOCTYPE html>

<html>

<head>

<title>program 02</title>

</head>

<body>

<p align=*"center"*>

Name:

Tarun<br> Age:

16

</p>

<p align=*"right"*>

Address: Aghraharam post KOLKATA<br> Phone:

9845465554

</p>

<p align=*"left"*>

Reg No:

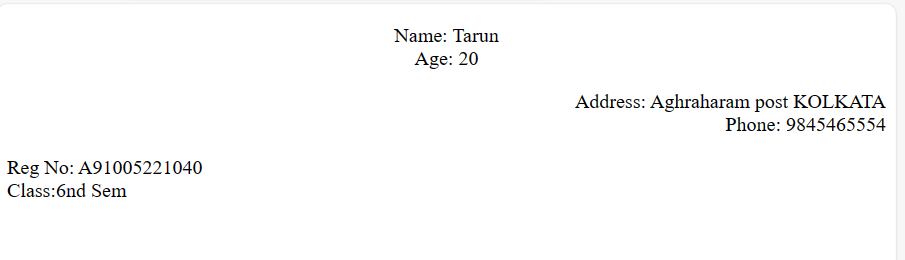
A91005221040<br>

Class:2nd Sem

</p>

</body>

</html>



**03.**

<!DOCTYPE html>

<html>

<head>

<title>program 03</title>

</head>

<body>

<center>

<h1>Basic Web design Lab</h1>

</center>

<h2 align=*"left"*> Definition </h2>

<h3 align=*"left"*>Website</h3>

<p>

A set of inter connected web pages usually including a home page and many other web pages

</p>

</body>

</html>



**04.**

<!DOCTYPE html>

<html>

<head>

<title>program 04</title>

</head>

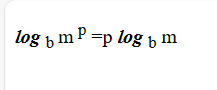
<body>

<p> <b> <i> log</i></b> <sub>b </sub>m<sup> p</sup> =p<b> <i> log </i>

</b><sub>b</sub> m</p>

</body>

</html>



**05.**

<!DOCTYPE html>

<html>

<head>

<title>program 05</title>

</head>

<body>

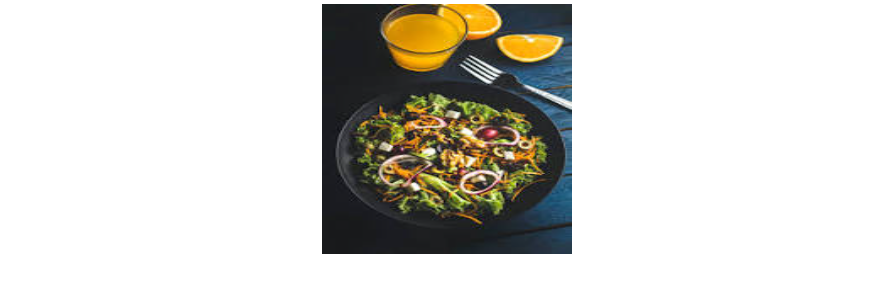
<center>

<img src=*"https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcTM6oJJLif8JGiwMFqqtUP7f3\_sLXTEG2OegmJkTt4TaQ&s"* height=*"200"* width=*"200"* align=*"middle"*/>

</center>

</body>

</html>



**06.**

<!DOCTYPE html>

<html>

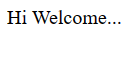
<head>

<title>program 06</title>

</head>

<body> Hi Welcome... </body>

</html>

****

**07.**

<!DOCTYPE html>

<html>

<head><title>page 1</title>

</head>

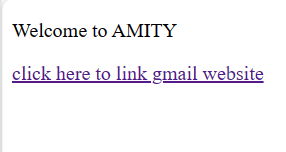
<body>

<p>Welcome to AMITY</p>

<a href=*"http://www.gmail.com"*>click here to link gmail website</a>

</body>

</html>

****

**01. Create the Timetable of your class using the table tag.**

<!DOCTYPE html>

<html>

<head>

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

<title>Time table</title>

</head>

<body>

<table border=*"5"* cellspacing=*"0"* align=*"center"*>

<tr >

<td colspan=*"10"* height=*"50"* align=*"center"*><h1>TIME TABLE</h1></td>

</tr>

<tr>

<td align=*"center"* height=*"50"* width=*"100"*><br>

<b>Day/Period</b></br>

</td>

<td align=*"center"* height=*"50"* width=*"100"*>

<b>I<br>9:15-10:05</b>

</td>

<td align=*"center"* height=*"50"* width=*"100"*>

<b>II<br>10:10-11:00</b>

</td>

<td align=*"center"* height=*"50"* width=*"100"*>

<b>III<br>11:05-11:55</b>

</td>

<td align=*"center"* height=*"50"* width=*"100"*>

<b>12:00-12:50</b>

</td>

<td align=*"center"* height=*"50"* width=*"100"*>

<b>IV<br>12:50-1:50</b>

</td>

<td align=*"center"* height=*"50"* width=*"100"*>

<b>V<br>1:50-2:40</b>

</td>

<td align=*"center"* height=*"50"* width=*"100"*>

<b>VI<br>2:45-3:35</b>

</td>

<td align=*"center"* height=*"50"* width=*"100"*>

<b>VII<br>3:40-4:30</b>

</td>

<td align=*"center"* height=*"50"* width=*"100"*>

<b>VIII<br>4:35-5:25</b>

</td>

</tr>

<tr>

<td align=*"center"* height=*"50"*>

<b>Monday</b>

</td>

<td COLSPAN=*"4"*align=*"center"* height=*"50"*></td>

<td rowspan=*"6"* align=*"center"* height=*"50"*>

<h2>L<br>U<br>N<br>C<br>H</h2>

</td>

<td align=*"center"* height=*"50"*>IT404</td>

<td align=*"center"* height=*"50"*>CSE311</td>

<td align=*"center"* height=*"50"*>IT301</td>

<td align=*"center"* height=*"50"*></td>

</tr>

<tr>

<td align=*"center"* height=*"50"*>

<b>Tuesday</b>

</td>

<td align=*"center"* height=*"50"*>SKE309</td>

<td align=*"center"* height=*"50"*>IT404</td>

<td align=*"center"* height=*"50"*>IT301</td>

<td align=*"center"* height=*"50"*>CSE311</td>

<td align=*"center"* height=*"50"*>FREN115</td>

<td colspan=*"2"* align=*"center"* height=*"50"*>IT301</td>

<td align=*"center"* height=*"50"*></td>

</tr>

<tr>

<td align=*"center"* height=*"50"*>

<b>Wednesday</b>

</td>

<td align=*"center"* height=*"50"*>CSE401</td>

<td align=*"center"* height=*"50"*>CSE304</td>

<td colspan=*"2"* align=*"center"* height=*"50"*>CSE304</td>

<td colspan=*"4"* align=*"center"* height=*"50"*>

</td>

</tr>

<tr>

<td align=*"center"* height=*"50"*>

<b>Thursday</b>

</td>

<td align=*"center"* height=*"50"*>CSE401</td>

<td align=*"center"* height=*"50"*>IT301</td>

<td COLSPAN=*"2"* ALIGN=*"CENTER"* height=*"50"*>IT404</td>

<td align=*"center"* height=*"50"*>CSE401</td>

<td align=*"center"* height=*"50"*>CSE304</td>

<td COLSPAN=*"2"* align=*"center"* height=*"50"*>CSE401</td>

</tr>

<tr>

<td align=*"center"* height=*"50"*>

<b>Friday</b>

</td>

<td colspan=*"2"* align=*"center"* height=*"50"*>

</td>

<td align=*"center"* height=*"50"*>CSE311</td>

<td align=*"center"* height=*"50"*>CSE304</td>

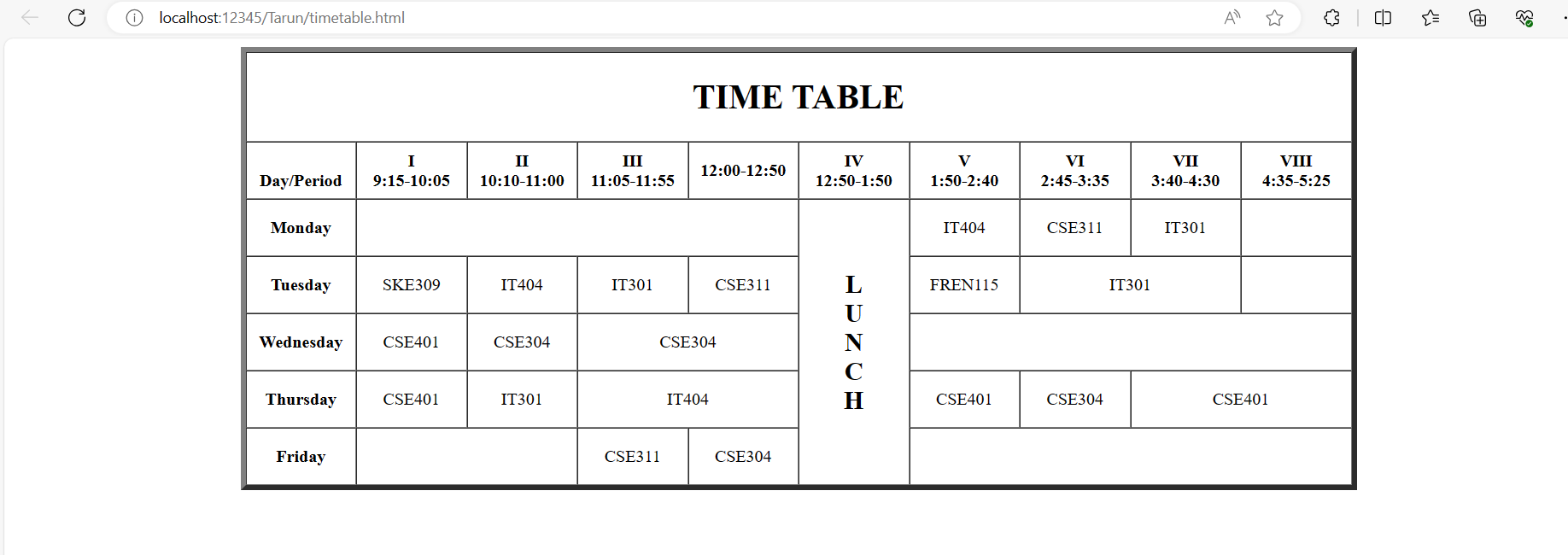
<td COLSPAN=*"4"*align=*"center"* height=*"50"*></td>

</tr>

</table>

</body>

</html>

****

**DAY 2**

**2. Create your profile page i.e. educational details, Hobbies, Achievement etc**

<!DOCTYPE html>

<html lang=*"en"*>

<head>

<meta charset=*"UTF-8"*>

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

<title>Profile Page</title>

<style>

**body** {

font-family: *Arial, sans-serif*;

margin: *0*;

padding: *20px*;

}

**h1** {

color: *#333*;

}

**h2** {

color: *#666*;

}

*.container* {

max-width: *800px*;

margin: *0 auto*;

}

*.section* {

margin-bottom: *30px*;

}

*.section* **h2** {

margin-bottom: *10px*;

}

*.section* **p** {

margin-bottom: *15px*;

}

</style>

</head>

<body>

<div class=*"container"*>

<h1>Student Profile</h1>

<div class=*"section"*>

<h2>Personal Information</h2>

<p>Name: Tarun Kumar Dey</p>

<p>Age: 20</p>

<p>Location: Kolkata, India</p>

</div>

<div class=*"section"*>

<h2>Educational Details</h2>

<p>Program: B.Tech in Computer Science</p>

<p>Institution: XYZ University</p>

<p>Year: 3rd Year</p>

<p>CGPA: 7.70</p>

</div>

<div class=*"section"*>

<h2>Hobbies</h2>

<p>Reading books</p>

<p>Playing Free fire</p>

<p>See girls all day</p>

</div>

<div class=*"section"*>

<h2>Achievements</h2>

<p>Recipient of the Dean's List award for academic excellence</p>

<p>Winner of the inter-college coding competition</p>

<p>Volunteer at local charity events</p>

</div>

<div class=*"section"*>

<h2>Contact Information</h2>

<p>Email: johndoe@example.com</p>

<p>Phone: +1234567890</p>

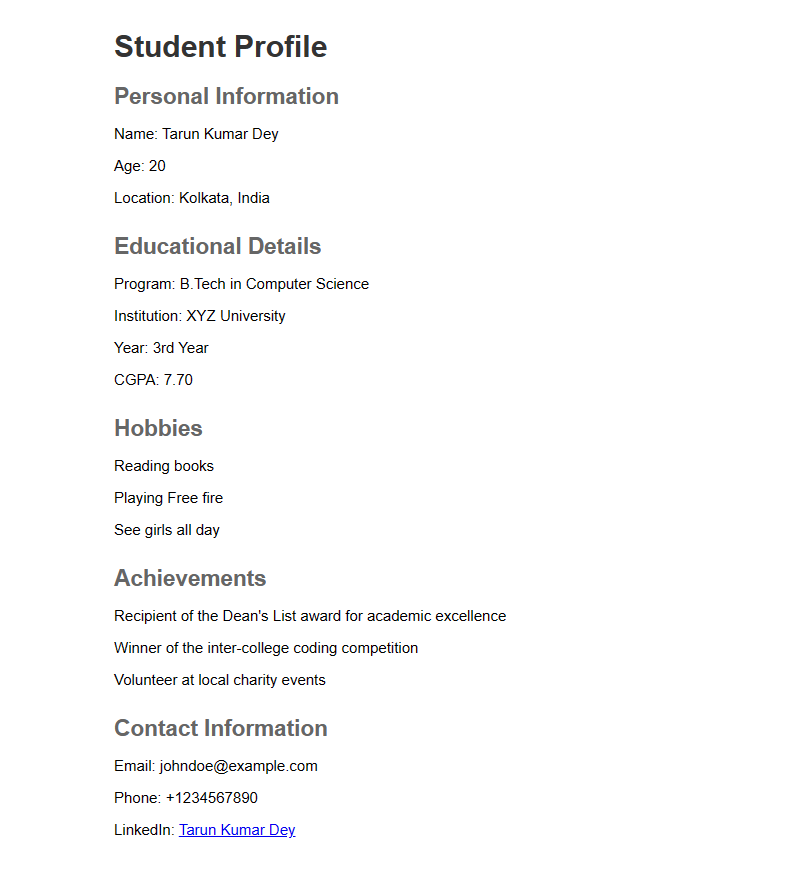
<p>LinkedIn: <a href=*"https://www.linkedin.com/in/Tarun123/"*>Tarun Kumar Dey</a></p>

</div>

</div>

</body>

</html>

****

**DAY 3**

**3. Create a Registration Form using different html components and print all the values in a jsp page.**

***placementForm.html***

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"placementForm.jsp"* method=*"post"*>

<h2>Placement Form</h2>

Name:

<input type=*"text"* id=*"name"* name=*"name"* required><br><br>

Email:

<input type=*"email"* id=*"email"* name=*"email"* required><br><br>

Phone:

<input type=*"text"* id=*"phone"* name=*"phone"* pattern=*"[0-9]{10}"* required><br><br>

Gender:

<input type=*"radio"* id=*"male"* name=*"gender"* value=*"male"*>

Male

<input type=*"radio"* id=*"female"* name=*"gender"* value=*"female"*>

Female

<input type=*"radio"* id=*"other"* name=*"gender"* value=*"other"*>

Other<br><br>

<input type=*"checkbox"* name=*"education"* value=*"High School"*> High School

<input type=*"checkbox"* name=*"education"* value=*"Bachelor's Degree"*> Bachelor's Degree

<input type=*"checkbox"* name=*"education"* value=*"Master's Degree"*> Master's Degree

<input type=*"checkbox"* name=*"education"* value=*"Other"*> Other<br><br>

Current Sem CGPA:

<input type=*"text"* id=*"cgpa"* name=*"cgpa"* required><br><br>

Address:<br>

<textarea id=*"address"* name=*"address"* rows=*"5"* cols=*"50"* >

</textarea>

<br><br> Department:

<select id=*"department"* name=*"department"*>

<option value=*"CSE"*>CSE</option>

<option value=*"AI"*>AI</option>

<option value=*"BBA"*>BBA</option>

<option value=*"LAW"*>LAW</option>

</select><br><br>

<input type=*"checkbox"* id=*"agree"* name=*"agree"*>

I agree to the terms and conditions<br><br>

<input type=*"submit"* value=*"Submit"*>

</form>

</body>

</html>

**placementForm.jsp**

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<%

String name=request.getParameter("name");

String email=request.getParameter("email");

String ph=request.getParameter("phone");

String cgpa=request.getParameter("cgpa");

String add=request.getParameter("address");

String gender=request.getParameter("gender");

String dep=request.getParameter("department");

String arrEdu[]=request.getParameterValues("education");

%>

<h2>Simple Table</h2>

<table border=*"2px"*>

<tr>

<th>Name</th>

<td><%out.println(name); %></td>

</tr>

<tr>

<th>Email</th>

<td><%out.println(email); %></td>

</tr>

<tr>

<th>Phone</th>

<td><%out.println(ph); %></td>

</tr>

<tr>

<th>CGPA</th>

<td><%out.println(cgpa); %></td>

</tr>

<tr>

<th>Address</th>

<td><%out.println(add); %></td>

</tr>

<tr>

<th>Gender</th>

<td><%out.println(gender); %></td>

</tr>

<tr>

<th>Department</th>

<td><%out.println(dep); %></td>

</tr>

<tr>

<th>Education</th>

<td><%

**for**(**int** i=0;i<arrEdu.length;i++){

out.println(arrEdu[i]+"<br>");

}

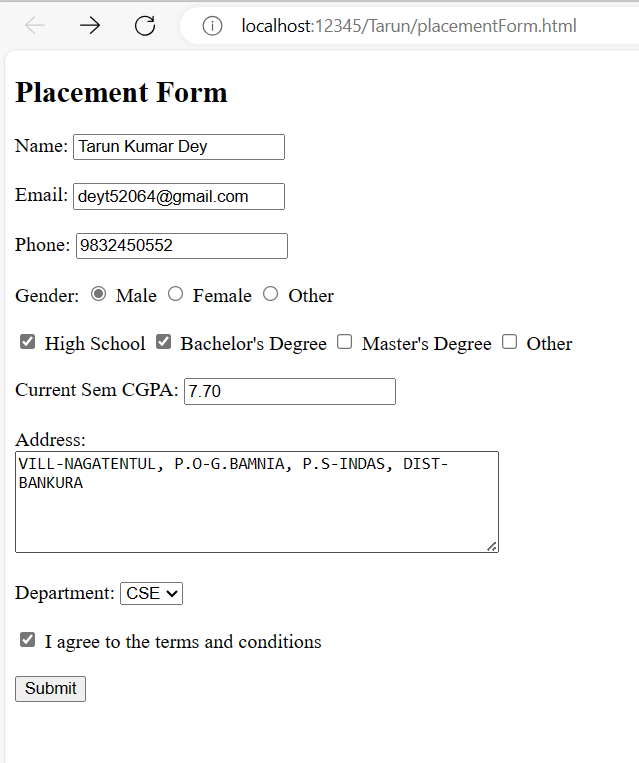
%></td>

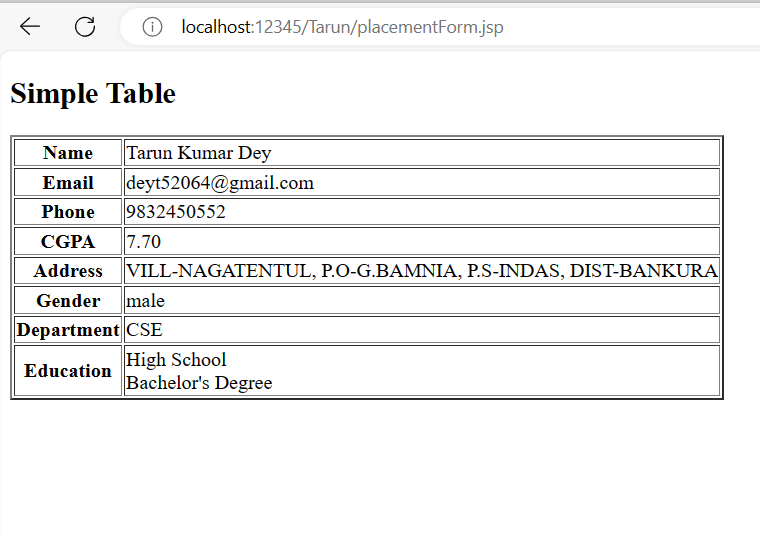
</tr>

</table>

</body>

</html>

****

****

**DAY 4**

**4. A web application that takes name and age from an HTML page. If the age is less than 18, it should send a page with “Hello , you are not authorized to visit the site” message, where should be replaced with the entered name. Otherwise, it should send “Welcome to this site” message.**

***Eligibality.html***

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<h2>Enter your name and age:</h2>

<form action=*"Eligibality.jsp"* method=*"post"*>

<label for=*"name"*>Name:</label><br>

<input type=*"text"* id=*"name"* name=*"name"*><br>

<label for=*"age"*>Age:</label><br>

<input type=*"number"* id=*"age"* name=*"age"*><br><br>

<input type=*"submit"* value=*"Submit"*>

</form>

</body>

</html>

***Eligibality.jsp***

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<%

String name = request.getParameter("name");

**int** age = Integer.parseInt(request.getParameter("age"));

**if** (age < 18) {

%>

<h2>Hello <%= name %>, you are not authorized to visit the site</h2>

<%

} **else** {

%>

<h2>Welcome <%= name %> to this site</h2>

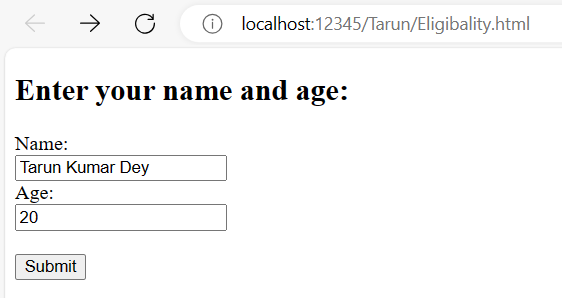
<%

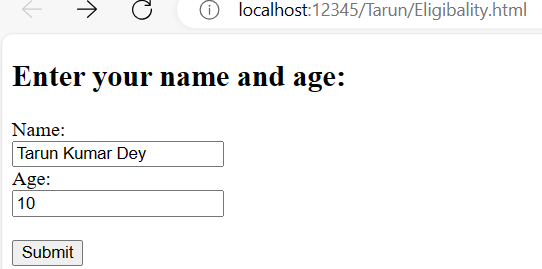
}

%>

</body>

</html>

**** 

****

**5. Design a calculator using JSP**

***Calculator.html***

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<center>

<form action=*"Calculator.jsp"* method=*"get"*>

<label for=*"num1"*><b>Number 1</b></label>

<input type=*"text"* name =*"num1"*><br><br>

<label for = *"num2"*><b>Number 2</b></label>

<input type=*"text"* name=*"num2"*><br><br>

<input type =*"radio"* name = *"r1"* value=*"Add"*>+

<input type = *"radio"* name = *"r1"* value=*"Sub"*>-<br>

<input type=*"radio"* name=*"r1"* value =*"mul"*>\*

<input type = *"radio"* name=*"r1"* value=*"div"*>/<br><br>

<input type=*"submit"* value=*"submit"*>

</center>

</body>

</html>

***Calculator.jsp***

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<%

**d**ouble num1 = Integer.parseInt(request.getParameter("num1"));

**double** num2 = Integer.parseInt(request.getParameter("num2"));

String operation = request.getParameter("r1");

**if**(operation.equals("Add")){

**double** add=num1+num2;

out.println("Addition is: "+add);

}

**else** **if**(operation.equals("Sub")){

**double** sub=num1-num2;

out.println("Substraction is: "+sub);

}

**else** **if**(operation.equals("mul")){

**double** mul=num1\*num2;

out.println("multiplication is: "+mul);

}

**else** **if**(operation.equals("div"))

{

**double** div = num1/num2;

**if**(num1>=num2)

out.println("division is: "+div);

**else**

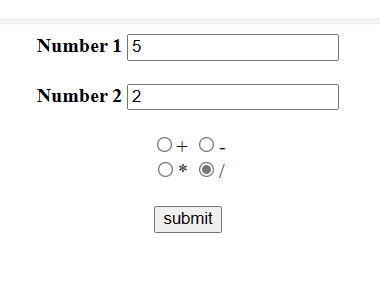
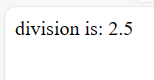
out.println("The division cannot be performed");

}

%>

</body>

</html>

**** ****   

**DAY 5**

**6. Create a web application to implement session management using session object in JSP**

***sessionFirst.html***

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"sessionSecond.jsp"* method=*"post"*>

Name:<input type=*"text"* name=*"n1"*>

<br><br>

Roll:<input type=*"text"* name=*"n2"*>

<br><br>

<input type=*"submit"* name=*"submit"* value=*"Next"*>

</form>

</body>

</html>

***sessionSecond.jsp***

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<%

String name=request.getParameter("n1");

String roll=request.getParameter("n2");

session.setAttribute("Sname",name);

session.setAttribute("Sroll",roll);

%>

<form action=*"sessionThird.jsp"* method=*"post"*>

Age:<input type=*"text"* name=*"t1"*>

<br><br>

CGPA:<input type=*"text"* name=*"t2"*>

<br><br>

<input type=*"submit"* name=*"submit"* value=*"Submit"*>

</form>

</body>

</html>

***sessionThird.jsp***

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<%

String name=(String)(session.getAttribute("Sname"));

String roll=(String)(session.getAttribute("Sroll"));

String age=request.getParameter("t1");

String cgpa=request.getParameter("t2");

out.println("Name: "+name+"<br>");

out.println("Roll: "+roll+"<br>");

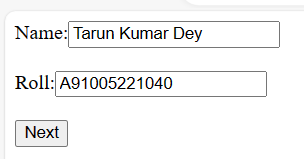
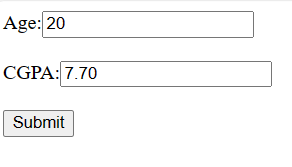
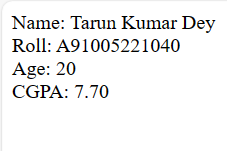
out.println("Age: "+age+"<br>");

out.println("CGPA: "+cgpa);

%>

</body>

</html>

**7. Create a web application to implement the registration page and login page**

**Login2.html**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"logincheck.jsp"* method=*"post"*>

<label for=*"name"*>User ID:</label><br>

<input type=*"text"* id=*"name"* name=*"name"*><br>

<label for=*"pass"*>Password:</label><br>

<input type=*"password"* id=*"pass"* name=*"pass"*><br><br>

<input type=*"submit"* value=*"Submit"*><br>

<a href=*"Register.html"*>Register</a><br>

<a href=*"Forget.html"*>Forget password</a>

</form>

</body>

</html>

**Register.html**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"logSession.jsp"* method=*"post"*>

<label for=*"name"*>User ID:</label><br> <input type=*"text"*

id=*"name"* name=*"name"*><br> <label for=*"pass"*>Password:</label><br>

<input type=*"password"* id=*"pass"* name=*"pass"*><br>

<br> <input type=*"submit"* value=*"Submit"*>

</form>

</body>

</html>

***logSession.jsp***

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body><%

String user=request.getParameter("name");

String pass=request.getParameter("pass");

session.setAttribute("Suser",user);

session.setAttribute("Spass",pass);%>

</body>

</html>

***logincheck.jsp***

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<%

String user=request.getParameter("name");

String pass=request.getParameter("pass");

String Suser=(String)(session.getAttribute("Suser"));

String Spass=(String)(session.getAttribute("Spass"));

**if**(user.equals(Suser)&&pass.equals(Spass)){

out.println("Login Sucess.");

}

**else**{

out.println("Login faild");

}

%>

</body>

</html>

**Forget.html**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"Forgetpass.jsp"* method=*"post"*>

<label for=*"name"*>User ID:</label><br>

<input type=*"text"* id=*"name"* name=*"name"*><br>

<br>

<input type=*"submit"* value=*"Submit"*>

</form>

</body>

</html>

***Forgetpass.jsp***

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body><%

String fps=request.getParameter("name");

String Suser=(String)(session.getAttribute("Suser"));

**if**(fps.equals(Suser)){

response.sendRedirect("sucess.jsp");

}

**else**{

response.sendRedirect("Failed.jsp");

}

%>

</body>

</html>

**sucess.jsp**

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"changed.jsp"* method=*"post"*>

New password:<br>

<input type=*"password"* id=*"password"* name=*"password"*><br><br>

<input type=*"submit"* value=*"Submit"*><br>

</form>

</body>

</html>

***changed.jsp***

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<%

String newps=request.getParameter("password");

session.setAttribute("Spass",newps);

out.println("password changed sucess.");

%>

</body>

</html>

**Failed.jsp**

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<%

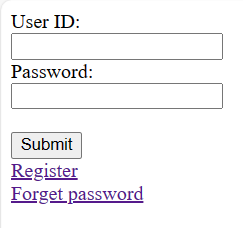
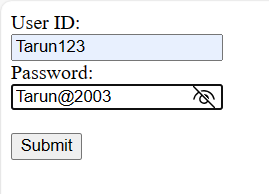
out.println("Invalid user id ");

%>

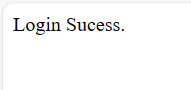
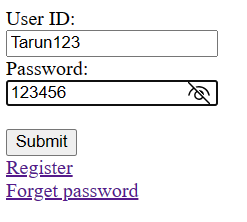
</body>

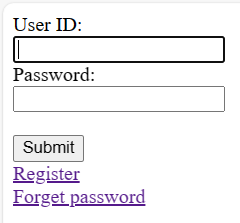
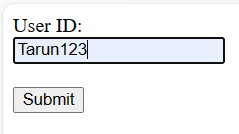
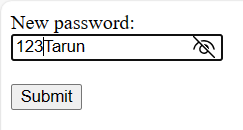
Step1

</html>

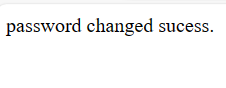
**** ****

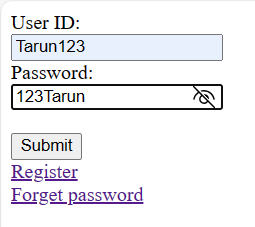
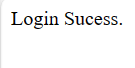
Step2

Step3



Step4

**7. Create a web application to implement the registration page and login page.**

**Connection.jsp**

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

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

<%! Connection conn=**null**;%>

<%

**try**{

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

conn =

DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:XE","system","Tarun@2003");

System.out.println("driver2 found");

}

**catch**(Exception e){System.out.println("driver2 not found");}

%>

</body>

</html>

**register.html**

<!DOCTYPE html>

<html lang=*"en"*>

<head>

<meta charset=*"UTF-8"*>

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

<title>Register</title>

<style>

**body** {

font-family: *Arial, sans-serif*;

background-color: *#f0f0f0*;

}

*.container* {

width: *300px*;

margin: *100px auto*;

padding: *20px*;

background-color: *#fff*;

border-radius: *5px*;

box-shadow: *0px 0px 10px rgba(0, 0, 0, 0.1)*;

}

**h2** {

text-align: *center*;

}

**label** {

font-weight: *bold*;

}

**input,** **select** {

width: *calc(100%* - *10px)*;

padding: *8px*;

border: *1px solid #ccc*;

border-radius: *3px*;

margin-bottom: *10px*;

}

**input**[type="submit"] {

width: *100%*;

background-color: *#007bff*;

color: *#fff*;

padding: *10px*;

border: *none*;

border-radius: *3px*;

cursor: *pointer*;

}

**input**[type="submit"]*:hover* {

background-color: *#0056b3*;

}

</style>

</head>

<body>

<div class=*"container"*>

<h2>Sign Up</h2>

<form name=*"form1"* method=*"post"* action=*"rstep2.jsp"*>

<label for=*"n1"*>UID</label>

<input type=*"text"* id=*"n1"* name=*"n1"* required>

<label for=*"n4"*>Address</label>

<input type=*"text"* id=*"n4"* name=*"n4"*>

<label for=*"n2"*>Password</label>

<input type=*"password"* id=*"n2"* name=*"n2"* required>

<label for=*"n3"*>Name</label>

<input type=*"text"* id=*"n3"* name=*"n3"*>

<label for=*"n5"*>Security Q</label>

<select id=*"n5"* name=*"n5"*>

<option value=*"q1"*>What is your pet's name?</option>

<option value=*"q2"*>What is your mother's maiden name?</option>

</select>

<label for=*"n6"*>Answer</label>

<input type=*"text"* id=*"n6"* name=*"n6"*>

<input type=*"submit"* name=*"REGISTER"* value=*"SUBMIT"*>

</form>

</div>

</body>

</html>

**rstep2.jsp**

<%@include file=*"connection.jsp"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Registration Status</title>

<style>

**body** {

font-family: *'Segoe UI', Tahoma, Geneva, Verdana, sans-serif*;

background-color: *#f9f9f9*;

margin: *0*;

padding: *0*;

color: *#333*;

display: *flex*;

justify-content: *center*;

align-items: *center*;

height: *100vh*;

}

*.container* {

width: *100%*;

max-width: *800px*;

background-color: *rgba(255, 255, 255, 0.9)*;

padding: *40px*;

border-radius: *12px*;

box-shadow: *0 4px 25px rgba(0, 0, 0, 0.1)*;

text-align: *center*;

background-image: *url('https://static.vecteezy.com/system/resources/thumbnails/036/022/439/small\_2x/ai-generated-negative-spacegraphy-unveils-singular-elegance-photo.jpg')*;

background-size: *cover*;

background-repeat: *no-repeat*;

}

**h1** {

color: *#007BFF*;

font-size: *36px*;

margin-bottom: *40px*;

border-bottom: *3px solid #007BFF*;

padding-bottom: *15px*;

text-transform: *uppercase*;

letter-spacing: *1px*;

}

**button** {

background-color: *#007BFF*;

color: *#fff*;

border: *none*;

padding: *15px 30px*;

margin-top: *40px*;

border-radius: *8px*;

cursor: *pointer*;

transition: *background-color 0.3s ease, transform 0.3s ease*;

font-size: *20px*;

font-weight: *600*;

box-shadow: *0 6px 25px rgba(0, 0, 0, 0.15)*;

}

**button***:hover* {

background-color: *#0056b3*;

transform: *translateY(-3px)*;

}

**button***:active* {

transform: *translateY(2px)*;

box-shadow: *0 4px 15px rgba(0, 0, 0, 0.1)*;

}

**form** {

display: *inline-block*;

margin: *20px*;

margin-right:*100px*;

}

**label** {

display: *block*;

margin-bottom: *12px*;

font-size: *20px*;

font-weight: *600*;

}

**input**[type="text"]**,**

**input**[type="password"]**,**

**button** {

width: *100%*;

padding: *15px*;

margin-bottom: *25px*;

border-radius: *8px*;

border: *2px solid #007BFF*;

font-size: *18px*;

transition: *border-color 0.3s ease*;

}

**input**[type="text"]*:focus***,**

**input**[type="password"]*:focus* {

border-color: *#0056b3*;

outline: *none*;

}

*.btn-group* {

margin-top: *40px*;

}

*.btn-group::after* {

content: *""*;

display: *table*;

clear: *both*;

}

*.btn-group* **button** {

float: *left*;

width: *45%*;

margin-right: *5%*;

}

*.btn-gap* {

margin-right: *20px*;

}

/\* Media Query for Responsive Design \*/

@media (max-width: 768px) {

*.container* {

padding: *30px*;

}

**h1** {

font-size: *32px*;

margin-bottom: *30px*;

}

**button** {

padding: *12px 25px*;

font-size: *18px*;

}

**input**[type="text"]**,**

**input**[type="password"]**,**

**button** {

padding: *12px*;

margin-bottom: *20px*;

font-size: *16px*;

}

}

</style>

</head>

<body>

<div class=*"container"*>

<%

**try** {

String n1 = request.getParameter("n1");

String n2 = request.getParameter("n2");

String n3 = request.getParameter("n3");

String n4 = request.getParameter("n4");

String n6 = request.getParameter("n6");

PreparedStatement pst = conn.prepareStatement("insert into MINDBODYCHECK values(?,?,?,?,?)");

pst.setString(1, n1);

pst.setString(2, n3);

pst.setString(3, n2);

pst.setString(4, n4);

pst.setString(5, n6);

**int** t = pst.executeUpdate();

PreparedStatement pst1 = conn.prepareStatement("insert into RESULT\_MINDBODYCHECK values(?,?,?,?,?,?,?,?,?,?,?,?,?,?)");

pst1.setString(1, n1);

pst1.setString(2, "0");

pst1.setString(3, "0");

pst1.setString(4, "0");

pst1.setString(5, "0");

pst1.setString(6, "0");

pst1.setString(7, "0");

pst1.setString(8, "0");

pst1.setString(9, "0");

pst1.setString(10, "0");

pst1.setString(11, "null");

pst1.setString(12, "0");

pst1.setString(13, "0");

pst1.setString(14, "0");

**int** t1 = pst1.executeUpdate();

PreparedStatement pst2 = conn.prepareStatement("insert into MINDBODYCHECK\_FEEDBACK values(?,?,?,?,?)");

pst2.setString(1, n1);

pst2.setString(2,n3);

pst2.setString(3, "null");

pst2.setString(4, "null");

pst2.setString(5, "0");

**int** t2 = pst2.executeUpdate();

**if** (t > 0 && t1 > 0 && t2>0) {

%>

<h1>Register Successfully</h1>

<form action=*"Home.html"*>

<button class=*"btn-gap"*>Home</button>

</form>

<form action=*"login.html"*>

<button>Log in</button>

</form>

<%

} **else** {

**throw** **new** Exception("Registration failed.");

}

conn.close();

} **catch** (Exception e) {

e.printStackTrace();

%>

<h1>Register Unsuccessfully</h1>

<form action=*"Home.html"*>

<button>Home</button>

</form>

<%

}

%>

</div>

</body>

</html>

**Login.html**

<!DOCTYPE html>

<html lang=*"en"*>

<head>

<meta charset=*"UTF-8"*>

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

<title>Login</title>

<style>

**body** {

font-family: *Arial, sans-serif*;

background-color: *#f0f0f0*;

}

*.container* {

width: *300px*;

margin: *100px auto*;

background-color: *#fff*;

border-radius: *5px*;

padding: *20px*;

box-shadow: *0px 0px 10px rgba(0, 0, 0, 0.1)*;

}

*.container* **h2** {

text-align: *center*;

}

*.form-group* {

margin-bottom: *20px*;

}

*.form-group* **label** {

display: *block*;

font-weight: *bold*;

}

*.form-group* **input** {

width: *calc(100%* - *10px)*;

padding: *8px*;

border: *1px solid #ccc*;

border-radius: *3px*;

}

*.btn-submit* {

width: *100%*;

background-color: *#007bff*;

color: *#fff*;

padding: *10px*;

border: *none*;

border-radius: *3px*;

cursor: *pointer*;

}

*.btn-submit:hover* {

background-color: *#0056b3*;

}

**a**{

text-decoration: *none*;

padding-left: *30px*;

}

</style>

</head>

<body>

<div class=*"container"*>

<h2>Login</h2>

<a href=*"register.html"*>Register?</a>

<a href=*"Forget\_pass.html"*>Forget Password?</a> <br><br>

<form name=*"form1"* method=*"post"* action=*"uidcheck.jsp"*>

<div class=*"form-group"*>

<label for=*"text1"*>UID</label>

<input type=*"text"* id=*"text1"* name=*"text1"* required>

</div>

<div class=*"form-group"*>

<label for=*"text2"*>Password</label>

<input type=*"password"* id=*"text2"* name=*"text2"* required>

</div>

<div class=*"form-group"*>

<input type=*"submit"* name=*"LOGIN"* value=*"LOGIN"* class=*"btn-submit"*>

</div>

</form>

</div>

</body>

</html>

**Uidcheck.jsp**

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

<%@ include file=*"connection.jsp"* %>

<%

String a=**new** String();

String b=**new** String();

Statement pst1=**null**;

ResultSet rs1=**null**;

String USER\_UID="";

String NAME="";

**try**{

PreparedStatement pst=conn.prepareStatement("select \* from MINDBODYCHECK where USER\_UID=? ");

String uid=request.getParameter("text1");

pst.setString(1,uid);

ResultSet rs=pst.executeQuery();

**if**(rs.next()){

a=rs.getString(1);

b=request.getParameter("text2");

rs.close();

pst1=conn.createStatement();

rs1=pst1.executeQuery("select USER\_UID,PASSWORD,NAME from MINDBODYCHECK where USER\_UID='"+a+"'");

**if**(rs1.next()){

**if**(b.equals(rs1.getString("PASSWORD")))

{

out.println("match");

USER\_UID=rs1.getString("USER\_UID");

session.setAttribute("USER\_UID",USER\_UID);

NAME=rs1.getString("NAME");

session.setAttribute("NAME",NAME);

response.sendRedirect("Main.jsp");%>

<% }

**else** {%>

<a href=*login.html*>give correct password</a>

<%

}}}

**else**{

%>

<a href=*register.html*>Please register</a>

<%}

}**catch**(Exception e){out.println("error in database connectivity occured");}%>

**Forgetpassword.html**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Forget Password</title>

<style>

**body** {

font-family: *Arial, sans-serif*;

background-color: *#f4f4f4*;

padding: *20px*;

margin: *0*;

}

*.container* {

max-width: *300px*;

margin: *50px auto*;

padding: *20px*;

background-color: *#fff*;

border-radius: *5px*;

box-shadow: *0 0 10px rgba(0,0,0,0.1)*;

}

**input** {

width: *calc(100%* - *22px)*;

padding: *10px*;

margin: *5px 0*;

border: *1px solid #ccc*;

border-radius: *3px*;

box-sizing: *border-box*;

}

**input**[type="submit"] {

margin-top: *10px*;

background-color: *#16508e*;

color: *#fff*;

border: *none*;

cursor: *pointer*;

}

</style>

</head>

<body>

<div class=*"container"*>

<form action=*"Forgetpass.jsp"* method=*"post"*>

<label for=*"name"*>UID:</label><br>

<input type=*"text"* id=*"name"* name=*"name"*><br><br>

<input type=*"submit"* value=*"Submit"*>

</form>

</div>

</body>

</html>

**Forgetpassword.jsp**

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

<%@ include file=*"connection.jsp"* %>

<%

String a=**new** String();

String USER\_UID="";

**try**{

PreparedStatement pst=conn.prepareStatement("select \* from MINDBODYCHECK where USER\_UID=? ");

String uid=request.getParameter("name");

session.setAttribute("user\_uid", uid);

pst.setString(1,uid);

ResultSet rs=pst.executeQuery();

**if**(rs.next()){

a=rs.getString(1);

%><!DOCTYPE html>

<html lang=*"en"*>

<head>

<meta charset=*"UTF-8"*>

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

<title>Change Password</title>

<style>

**body** {

font-family: *Arial, sans-serif*;

background-color: *#f4f4f4*;

padding: *20px*;

margin: *0*;

}

*.container* {

max-width: *300px*;

margin: *50px auto*;

padding: *20px*;

background-color: *#fff*;

border-radius: *5px*;

box-shadow: *0 0 10px rgba(0,0,0,0.1)*;

}

**input** {

width: *calc(100%* - *22px)*;

padding: *10px*;

margin: *5px 0*;

border: *1px solid #ccc*;

border-radius: *3px*;

box-sizing: *border-box*;

}

**input**[type="submit"] {

margin-top: *10px*;

background-color: *#16508e*;

color: *#fff*;

border: *none*;

cursor: *pointer*;

padding: *10px 20px*;

border-radius: *3px*;

}

</style>

</head>

<body>

<div class=*"container"*>

<form action=*"change\_password.jsp"* method=*"post"*>

<label for=*"password"*>New password:</label><br>

<input type=*"password"* id=*"password"* name=*"password"* required><br><br>

<input type=*"submit"* value=*"Submit"*>

</form>

</div>

</body>

</html>

<% }**else**{

out.println("Invalid user id !.");

}

}**catch**(Exception e){out.println("error in database connectivity occured");}%>

**Changepassword.jsp**

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<%@include file=*"connection.jsp"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<%**try**{

PreparedStatement pst=conn.prepareStatement("update MINDBODYCHECK set PASSWORD=? where USER\_UID=?");

pst.setString(1,request.getParameter("password"));

pst.setString(2,(String)session.getAttribute("user\_uid"));

**int** t=pst.executeUpdate();

**if**(t>0)

out.println("<h1>register successfully");

conn.close();

}**catch**(Exception e){out.println("<h1>register unsuccessfully");}

%>

</body>

</html>

**Faild.jsp**

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

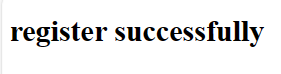
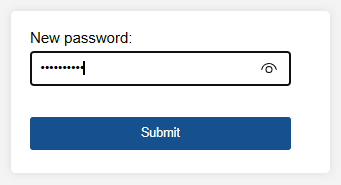
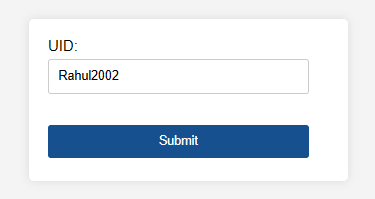
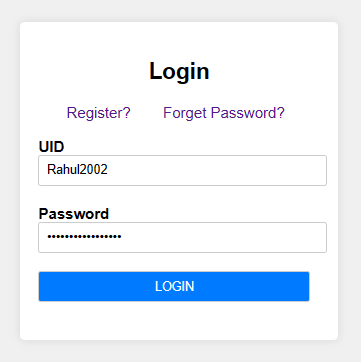
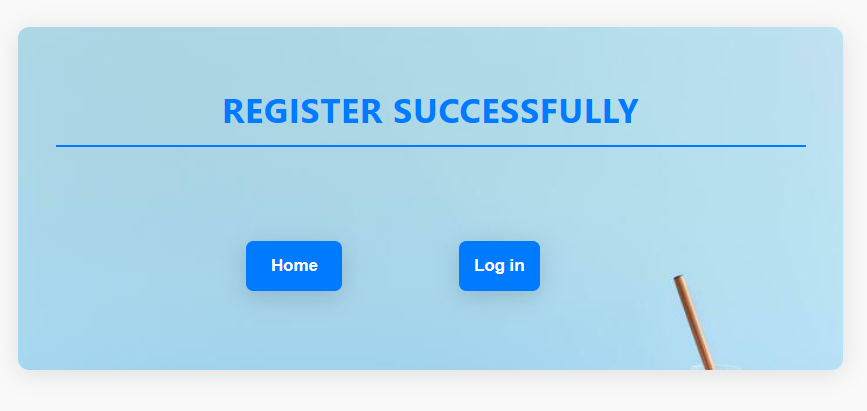
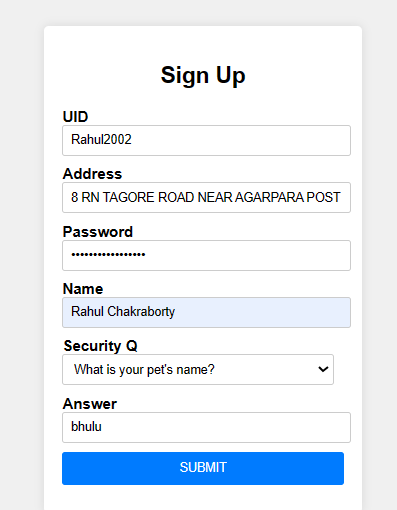
<%

out.println("Invalid user id ");

%>

</body>

</html>



**DAY 6**

**8. Create a web application to implement search page and edit page.**

**Edit.html**

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"

"http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<title>Insert options here</title>

</head>

<body>

<a href=*search.jsp*>Want to search data</a><br>

<a href=*search1.jsp*>Want to update data</a>

</body>

</html>

**Search.jsp**

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

<%@include file=*"connection.jsp"* %>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">

<html>

<head>

<title>Untitled Document</title>

<meta http-equiv=*"Content-Type"* content=*"text/html; "*>

</head>

<body>

<form name=*"form1"* method=*"post"* action=*"list.jsp"*>

<p> uid

<%!Statement pst1=**null**; String s1="";%>

<select name=*"n1"*>

<%**try**{

pst1=conn.createStatement();

ResultSet rs1=pst1.executeQuery("Select USER\_UID from MINDBODYCHECK");

**while**(rs1.next()){

s1=rs1.getString(1);

%>

<option onclick="this.form.submit()" value=*"*<%=s1%>*"*><%=s1%></option>

<% }

rs1.close();

%>

</select>

<%}**catch**(Exception e){}%>

</p>

<p>

<input type=*"submit"* name=*"Submit"* value=*"Submit"*>

</p>

</form>

</body>

</html>

**List.jsp**

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

<%@include file=*"connection.jsp"* %>

<%String name=" ",uid=" ",add="",pass="";

Statement pst=**null**;

%>

<table border=*"2"*>

<tr>

<td>name</td>

<td>address</td>

<td>id</td>

<td>password</td>

</tr>

<%

**try**{

pst=conn.createStatement();

String a=request.getParameter("n1");

ResultSet rs=pst.executeQuery("Select \* from MINDBODYCHECK where USER\_UID='"+a+"'");

**while**(rs.next())

{

uid=rs.getString(1);

pass=rs.getString(3);

name=rs.getString(2);

add=rs.getString(4);

%>

<tr><td><%=name %></td>

<td><%=add%></td>

<td><%=uid%></td>

<td><%=pass%></td>

</tr>

<%}%>

</table>

<%

rs.close();

conn.close();

}**catch**(Exception e){}

%>

**Search1.jsp**

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

<%@include file=*"connection.jsp"* %>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">

<html>

<head>

<title>Untitled Document</title>

<meta http-equiv=*"Content-Type"* content=*"text/html; "*>

</head>

<body>

<form name=*"form1"* method=*"post"* action=*"update\_details.jsp"*>

<p> uid

<%!Statement pst1=**null**; String s1="";%>

<select name=*"n1"*>

<%**try**{

pst1=conn.createStatement();

ResultSet rs1=pst1.executeQuery("Select USER\_UID from MINDBODYCHECK");

**while**(rs1.next()){

s1=rs1.getString(1);

%>

<option onclick="this.form.submit()" value=*"*<%=s1%>*"*><%=s1%></option>

<% }

rs1.close();

%>

</select>

<%}**catch**(Exception e){}%>

</p>

<p>

<input type=*"submit"* name=*"Submit"* value=*"Submit"*>

</p>

</form>

</body>

</html>

**Update\_details.jsp**

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

<%@include file=*"connection.jsp"* %>

<html>

<head>

</head>

<body>

<%String name=" ",uid=" ",add="",pass="";

Statement pst=**null**;

%>

<form name=*"form1"* method=*"post"* action=*"update.jsp"*>

<%

**try**{

pst=conn.createStatement();

String a=request.getParameter("n1");

ResultSet rs=pst.executeQuery("Select \* from MINDBODYCHECK where USER\_UID='"+a+"'");

**while**(rs.next())

{

uid=rs.getString(1);

pass=rs.getString(3);

name=rs.getString(2);

add=rs.getString(4);

%>

<p>Name

<input type=*"text"* name=*"n1"* value=<%=name %>>

</p>

<p>

<label></label>

&nbsp;Address

<input type=*"text"* name=*"n2"* value=<%=add %>>

</p>

<p> Uid

<input type=*"text"* name=*"n3"* value=<%=uid %>>

</p>

<p>

<label></label>

&nbsp;Password

<input type=*"password"* name=*"n4"* value=<%=pass %>>

</p>

<%}}**catch**(Exception e){out.println("error occured");}%>

<p>

<input type=*"submit"* name=*"submit"* value=*"Submit"*>

</p>

</form>

</body>

</html>

**Update.jsp**

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

<%@include file=*"connection.jsp"* %>

<html>

<head>

</head>

<body>

<form name=*"form1"* method=*"post"* action=*"edit.jsp"*>

<%**try**{

String uid=(String)session.getAttribute("USER\_UID");

out.println("uid="+uid);

**if**(uid==**null**){

out.println("<h1>Log in First");

}

**else**{

PreparedStatement pst=conn.prepareStatement("update MINDBODYCHECK set name=?,address=? where USER\_UID =?");

pst.setString(1,request.getParameter("n1"));

pst.setString(2,request.getParameter("n2"));

pst.setString(3,(String)session.getAttribute("USER\_UID"));

**int** t=pst.executeUpdate();

**if**(t>0)

{

out.println("<h1>update succeessfully");

conn.close();

}

}

}

**catch**(Exception e){out.println("database connectivity error");}

%>

<p>

<input type=*"submit"* name=*"submit"* value=*"Submit"*>

</p>

</form>

</body></html>

