**Practical 2b)**

**Create a web application for user authentication using servlet and MySql database**

**index.html**

<!DOCTYPE html>

<html>

<head>

<title>TODO supply a title</title>

<meta charset="UTF-8">

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

</head>

<body>

<form method="post" action="UserAuth">

Enter Username : <input type="text" name="txtuname">

Enter Password : <input type="password" name="txtpass">

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

</form>

</body>

</html>

**UserAuth.java**

**import java.sql.\*;**

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class UserAuth extends HttpServlet {

Connection con=null;

Statement stmt=null;

ResultSet rs=null;

String n="",p="";

@Override

public void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

PrintWriter out = response.getWriter();

int cnt=0;

n=request.getParameter("txtuname");

p=request.getParameter("txtpass");

try{

Class.forName("com.mysql.jdbc.Driver");

con=DriverManager.getConnection("jdbc:mysql://localhost:3306/auth","root","");

stmt=con.createStatement();

rs=stmt.executeQuery("select \* from user");

while(rs.next())

{

String un=rs.getString(1);

String up=rs.getString(2);

if(n.equals(un) && p.equals(up))

{

out.println("<h1>Welcome!!!"+un+"</h1>");

cnt++;

break;

}

}

if(cnt==0)

{

out.println("<h1>Sorry!!!Try again!!!</h1>");

}

}

catch(ClassNotFoundException | SQLException e)

{

out.println(e);

}

}

}

**Output**



