**Source Code**

**Demo**

package com;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class Demo

\*/

public class Demo extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public Demo() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

// TODO Auto-generated method stub

//response.getWriter().append("Served at: ").append(request.getContextPath());

//System.out.println("Welcome to Application"); //this is the output to display surver console

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

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

PrintWriter pw = response.getWriter();

// if(name.equals("Raj")&& password.equals("123")){

// pw.println("successfully login");

// }else {

// pw.println("login failed try again");

// }

//pw.println(" welcome client to Web Application"+name);//this is the output to display client browser

//jdbc code

response.setContentType("text/html");

RequestDispatcher rd1 = request.getRequestDispatcher("Home");

RequestDispatcher rd2 = request.getRequestDispatcher("index.html");

try {

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/my\_database1","root","Kavithareddy@123");

PreparedStatement pstmt = con.prepareStatement("select \* from login where emailid = ? and password = ?");

pstmt.setString(1,emailid);

pstmt.setString(2,password);

ResultSet rs = pstmt.executeQuery();

if(rs.next()) {

pw.println("successfully login");

rd1.forward(request, response); //we can see only output of target page

}else {

pw.println("invalid email id or password");

rd2.include(request, response); //source error msg +index page display

}

}catch(Exception e) {

pw.println(e);

}

}

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

PrintWriter pw = response.getWriter();

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

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

//jdbc code

// RequestDispatcher rd1 = request.getRequestDispatcher("Home");

response.setContentType("text/html");

RequestDispatcher rd2 = request.getRequestDispatcher("index.html");

try {

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/my\_database1","root","Kavithareddy@123");

PreparedStatement pstmt = con.prepareStatement("insert into login values(?,?)");

pstmt.setString(1,emailid);

pstmt.setString(2,password);

int res =pstmt.executeUpdate();

if(res>0) {

pw.println("Account Created successfully");

rd2.include(request, response);

}

}catch(Exception e) {

pw.println(e.getMessage());

rd2.include(request, response);

}

}

}

**Home**

package com;

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;

/\*\*

\* Servlet implementation class Home

\*/

public class Home extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public Home() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

// TODO Auto-generated method stub

//response.getWriter().append("Served at: ").append(request.getContextPath());

PrintWriter pw = response.getWriter();

pw.println("welcome to Home page");

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

// TODO Auto-generated method stub

doGet(request, response);

}

}

**Index.html**

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<a href=*"Demo"*>Click Here</a><br/>

<form action=*"Demo"*>

<label>Emailid </label>

<input type=*"email"* name=*"emailid"*/></br>

<label>Password </label>

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

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

<input type=*"reset"* value=*"Reset"*>

</form><br/>

<a href=*"signUp.html"*>signUp</a>

</body>

</html>

**SignUp.html**

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<h2> Account Create</h2>

<form action=*"Demo"* method=*"post"*>

<label>Emailid </label>

<input type=*"email"* name=*"emailid"*/></br>

<label>Password </label>

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

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

<input type=*"reset"* value=*"Reset"*>

</form>

</body>

</html>