

Login using Servlet and JSP + JDBC + MySQL Database

Login.java

```
package in.sp.backend;

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 jakarta.servlet.RequestDispatcher;
import jakarta.servlet.ServletException;
import jakarta.servlet.annotation.WebServlet;
import jakarta.servlet.http.HttpServlet;
import jakarta.servlet.http.HttpServletRequest;
import jakarta.servlet.http.HttpServletResponse;
import jakarta.servlet.http.HttpSession;

@WebServlet("/loginForm")
public class Login extends HttpServlet
{
    protected void doPost(HttpServletRequest req,HttpServletResponse resp)throws
ServletException,IOException
    {
        resp.setContentType("text.html");

        PrintWriter out=resp.getWriter();

        String myemail=req.getParameter("email1");
        String mypass=req.getParameter("pass1");

        try
        {
            Class.forName("com.mysql.cj.jdbc.Driver");
            Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/yt_demo","root","root");

            PreparedStatement ps=con.prepareStatement("select *from register where
email=? and password=?");
            ps.setString(1,myemail);
            ps.setString(2,mypass);

            ResultSet rs=ps.executeQuery();
            if(rs.next())
```

```
        {
            HttpSession session=req.getSession();
            session.setAttribute("session_name",rs.getString("name"));

            RequestDispatcher rd=req.getRequestDispatcher("/profile.jsp");
            rd.include(req,resp);
        }
        else
        {

            out.print("<h3 style='color:red'>Email Id and Password didnt
matched</h3>");

            RequestDispatcher rd=req.getRequestDispatcher("/login.jsp");
            rd.include(req,resp);

        }
    }
    catch(Exception e)
    {
        e.printStackTrace();

        out.print("<h3 style='color:red'>" + e.getMessage() + "</h3>");

        RequestDispatcher rd=req.getRequestDispatcher("/login.jsp");
        rd.include(req,resp);
    }
}
}
```

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>Insert title here</title>
</head>
<body>

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

        Email:<input type="text" name="email1"><br><br>
        Password:<input type="password" name="pass1"><br><br>
        <input type="submit" value="login">
```

```
        </form>
    </body>
</html>
Profile.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>Insert title here</title>
</head>
<body>
    <h3>Welcome : ${session_name}</h3>
</body>
</html>
```

Welcome : karan