

Prepare UDP Client-Server application that receive and send message.**First_page.java**

```

1.  import java.io.IOException;
2.  import java.io.PrintWriter;
3.  import java.sql.Connection;
4.  import java.sql.DriverManager;
5.  import java.sql.ResultSet;
6.  import java.sql.Statement;
7.  import javax.servlet.ServletException;
8.  import javax.servlet.http.HttpServlet;
9.  import javax.servlet.http.HttpServletRequest;
10. import javax.servlet.http.HttpServletResponse;
11.
12. public class first_page extends HttpServlet {
13.
14.     protected void processRequest(HttpServletRequest request, HttpServletResponse
        response)
15.         throws ServletException, IOException {
16.         response.setContentType("text/html;charset=UTF-8");
17.
18.         String struname=request.getParameter("uname");
19.         String strpass =request.getParameter("pass");
20.         try (PrintWriter out = response.getWriter()) {
21.             try
22.             {
23.                 Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
24.                 Connection cn=DriverManager.getConnection("jdbc:odbc:UserDB");
25.                 Statement st=cn.createStatement();
26.                 ResultSet rs=st.executeQuery("select * from login where
        username='"+struname+"' and password='"+strpass+"'");
27.                 out.println("<!DOCTYPE html>");
28.                 out.println("<html>");
29.                 out.println("<head>");
30.                 out.println("<title>User Detail</title>");
31.                 out.println("</head>");
32.                 out.println("<body>");
33.                 out.println("<div style='margin-top:200px;'");
34.                 if(rs.next())
35.                 {
36.                     out.println("<table align='center'");
37.                     out.println("<tr><td><font color='green'>Log In
        Success</font></td></tr>");
38.                     out.println("<tr> <td> <br>Welcome, "+rs.getString(2));
39.                     out.println("</tr> </td> </table>");
40.                 }

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41.         else
42.         {
43.             out.println("<table align='center'>");
44.             out.println("<tr><td><font color=\"red\">Sorry, You have entered an invalied
user name or password</font></td></tr>");
45.             out.println("<tr><td><font                color=\"red\"><br>Please                Try
Again</font></td></tr>");
46.             out.println("</table>");
47.         }
48.         out.println("</div>");
49.         out.println("</body>");
50.         out.println("</html>");
51.     }
52.     catch(Exception e)
53.     {
54.         out.println("Error Message for Database : "+e.toString());
55.     }
56. }
57. }
58. // <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign
on the left to edit the code.">
59. /**
60.  * Handles the HTTP <code>GET</code> method.
61.  *
62.  * @param request servlet request
63.  * @param response servlet response
64.  * @throws ServletException if a servlet-specific error occurs
65.  * @throws IOException if an I/O error occurs
66.  */
67. @Override
68. protected void doGet(HttpServletRequest request, HttpServletResponse response)
69.     throws ServletException, IOException {
70.     processRequest(request, response);
71. }
72.
73. /**
74.  * Handles the HTTP <code>POST</code> method.
75.  *
76.  * @param request servlet request
77.  * @param response servlet response
78.  * @throws ServletException if a servlet-specific error occurs
79.  * @throws IOException if an I/O error occurs
80.  */
81. @Override
82. protected void doPost(HttpServletRequest request, HttpServletResponse response)
83.     throws ServletException, IOException {
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84.     processRequest(request, response);
85. }
86.
87. /**
88.  * Returns a short description of the servlet.
89.  *
90.  * @return a String containing servlet description
91.  */
92. @Override
93. public String getServletInfo() {
94.     return "Short description";
95. }// </editor-fold>
96. }
```

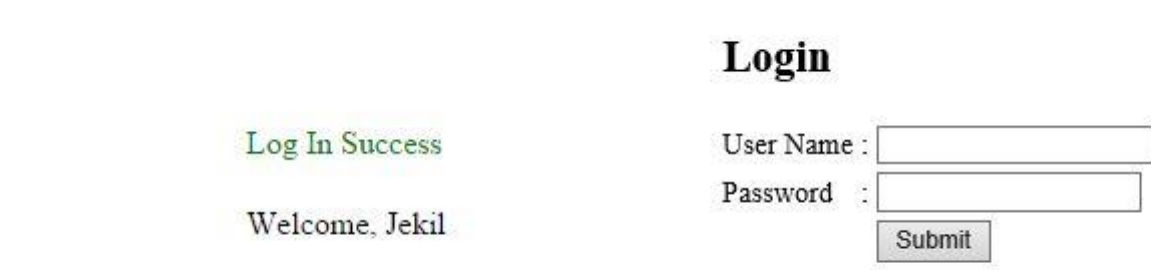
Index.html

```
1. <!DOCTYPE html>
2. <!--
3. To change this license header, choose License Headers in Project Properties.
4. To change this template file, choose Tools | Templates
5. and open the template in the editor.
6. -->
7. <html>
8.     <head>
9.         <title>User Info</title>
10.        <meta charset="UTF-8">
11.        <meta name="viewport" content="width=device-width, initial-scale=1.0">
12.    </head>
13.    <body>
14.        <form method="POST" action="first_page">
15.            <div style="margin-top:200px;">
16.                <table border="0" align="center">
17.                    <th colspan="3" align="Left"><h2>Login</h2></th>
18.                    <tr>
19.                        <td>User Name</td>
20.                        <td>:</td>
21.                        <td><input type="text" name="uname" ></td>
22.                    </tr>
23.                    <tr>
24.                        <td>Password</td>
25.                        <td>:</td>
26.                        <td><input type="password" name="pass" ></td>
27.                    </tr>
28.                    <tr>
29.                        <td></td>
30.                        <td></td>
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31.         <td><input type="submit" name="submit" value="Submit"></td>
32.     </tr>
33. </table>
34. </div>
35. </form>
36. </body>
37. </html>
    
```

OUTPUT



Log IN Success

Login Screen

Sorry, You have entered an invalied user name or password

Please Try Again

Incorrect User name or Password.