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

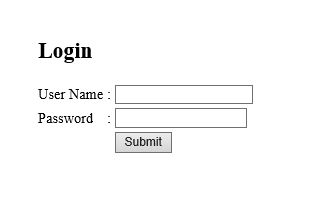
**First\_page.java**

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. public class first\_page extends HttpServlet {
12. protected void processRequest(HttpServletRequest request, HttpServletResponse response)
13. throws ServletException, IOException {
14. response.setContentType("text/html;charset=UTF-8");
16. String struname=request.getParameter("uname");
17. String strpass =request.getParameter("pass");
18. try (PrintWriter out = response.getWriter()) {
19. try
20. {
21. Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
22. Connection cn=DriverManager.getConnection("jdbc:odbc:UserDB");
23. Statement st=cn.createStatement();
24. ResultSet rs=st.executeQuery("select \* from login where username='"+struname+"' and password='"+strpass+"'");
25. out.println("<!DOCTYPE html>");
26. out.println("<html>");
27. out.println("<head>");
28. out.println("<title>User Detail</title>");
29. out.println("</head>");
30. out.println("<body>");
31. out.println("<div style=\"margin-top:200px;\"");
32. if(rs.next())
33. {
34. out.println("<table align='center'>");
35. out.println("<tr><td><font color=\"green\">Log In Success</font></td></tr>");
36. out.println("<tr> <td> <br>Welcome, "+rs.getString(2));
37. out.println("</tr> </td> </table>");
38. }
39. else
40. {
41. out.println("<table align='center'>");
42. out.println("<tr><td><font color=\"red\">Sorry, You have entered an invalied user name or password</font></td></tr>");
43. out.println("<tr><td><font color=\"red\"><br>Please Try Again</font></td></tr>");
44. out.println("</table");
45. }
46. out.println("</div>");
47. out.println("</body>");
48. out.println("</html>");
49. }
50. catch(Exception e)
51. {
52. out.println("Error Message for Database : "+e.toString());
53. }
54. }
55. }
56. // <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">
57. /\*\*
58. \* Handles the HTTP <code>GET</code> method.
59. \*
60. \* @param request servlet request
61. \* @param response servlet response
62. \* @throws ServletException if a servlet-specific error occurs
63. \* @throws IOException if an I/O error occurs
64. \*/
65. @Override
66. protected void doGet(HttpServletRequest request, HttpServletResponse response)
67. throws ServletException, IOException {
68. processRequest(request, response);
69. }
70. /\*\*
71. \* Handles the HTTP <code>POST</code> method.
72. \*
73. \* @param request servlet request
74. \* @param response servlet response
75. \* @throws ServletException if a servlet-specific error occurs
76. \* @throws IOException if an I/O error occurs
77. \*/
78. @Override
79. protected void doPost(HttpServletRequest request, HttpServletResponse response)
80. throws ServletException, IOException {
81. processRequest(request, response);
82. }
83. /\*\*
84. \* Returns a short description of the servlet.
85. \*
86. \* @return a String containing servlet description
87. \*/
88. @Override
89. public String getServletInfo() {
90. return "Short description";
91. }// </editor-fold>
92. }

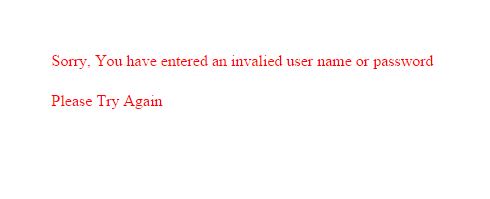
**Index.html**

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>
31. <td><input type="submit" name="submit" value="Submit"></td>
32. </tr>
33. </table>
34. </div>
35. </form>
36. </body>
37. </html>

**OUTPUT**

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**Log IN Success Login Screen**

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**Incorrect User name or Password.**