



MUMBAI EDUCATIONAL TRUST

MET INSTITUTE OF COMPUTER SCIENCE



Practical No. :	08
Roll No. :	1520
Title of Practical :	JSP Login Application
Objective :	Write a JSP program to create a Login Application.

CODE :

Login.jsp

```
<%@ page language="java" %>
<html>
  <head>
    <title>Login Application</title>
  </head>
  <body>
    <h2>Login Page</h2>
    <hr>
    <table border="1">
      <form action="CheckLogin.jsp">
        <tr><td>Enter Username : </td>
        <td><input type="text" name="txtUname"></td>
        </tr>
        <tr><td>Enter Password : </td>
        <td><input type="password" name="txtPwd"></td>
        </tr>
        <tr>
        <td><input style="display: block; margin: 0 auto;"
type="reset" name="btnReset" value="Reset"></td>
        <td><input style="display: block; margin: 0 auto;"
type="submit" name="btnSub" value="Submit"></td>
        </tr>
      </form>
    </table>
  </body>
</html>
```

```

        </table>
    </body>
</html>

```

The screenshot shows a web browser window with the address bar displaying 'localhost:8080/LoginAppV1/Login.jsp'. The page content includes a large heading 'Login Page'. Below the heading is a form with two rows. The first row has a label 'Enter Username :' followed by a text input field. The second row has a label 'Enter Password :' followed by a text input field. At the bottom of the form, there are two buttons: 'Reset' on the left and 'Submit' on the right.

CheckLogin.jsp

```

<%@ page language="java" %>
<html>
    <body>
        <%
            //fetch username & password
            String un = request.getParameter("txtUname");
            String pwd = request.getParameter("txtPwd");

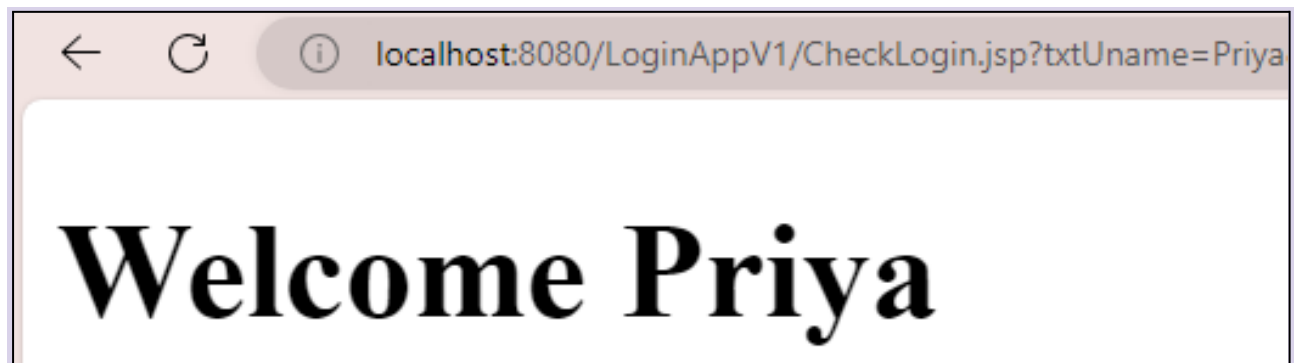
            //check for un and pwd
            if(un.equals("Priya") && pwd.equals("12345"))
            {
                <%>
                    <jsp:forward page="Welcome.jsp"></jsp:forward>
                <%>
            }
            else
            {
                <%>
                    <jsp:forward page="InvalidUser.jsp"></jsp:forward>
                <%>
            }
        %>
    </body>
</html>

```

```
        }  
        %>  
    </body>  
</html>
```

Welcome.jsp

```
</head>  
<body>  
<h1>Welcome <%= request.getParameter("txtUname") %></h1>  
</body>  
</html>
```



InvalidUser.jsp

```
<html><head>  
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />  
</head>  
<body>  
<h1>Incorrect Username or Password!!</h1>  
<a href="Login.jsp">Try Again</a>  
</body>  
</html>
```



//CODE: With Database Connectivity

CheckLoginDB.jsp

```
<%@ page language="java" import="java.sql.*" %>
<html>
    <body>
        <%
            // Step 1: Load the Driver
            try {
                Class.forName("org.postgresql.Driver");
            } catch (Exception ex) {
                out.println(ex.getMessage());
            }

            try {
                // Step 2: Create a Connection
                Connection conn =
DriverManager.getConnection("jdbc:postgresql://localhost:5432/postgres",
"postgres", "password");

                // Fetch username & password
                String un = request.getParameter("txtUname");
                String pwd = request.getParameter("txtPwd");

                // Step 3: Create statement object
                Statement stmt = conn.createStatement();
                String sql = "Select * from users where uid='" + un+"'";

                // Step 4: Execute the Query
                ResultSet rs = stmt.executeQuery(sql);

                if (rs.next()) {
                    // Check for un and pwd
                    if (un.equals(rs.getString(1)) &&
pwd.equals(rs.getString(2))) {
                        <jsp:forward
page="Welcome.jsp"></jsp:forward>
                    } else {
                        <jsp:forward
page="InvalidUser.jsp"></jsp:forward>
                }
            }
        %>
    </body>
</html>
```

```

        <%
            }
        } else {
    %>

        <jsp:forward
page="InvalidUser.jsp"></jsp:forward>
    <%
        }
    } catch (Exception ex) {
        out.println(ex.getMessage());
    }
    %>
</body>
</html>

```

Login.jsp

Change : <form action="CheckLoginDB.jsp">

← → ↻ ⓘ localhost:8080/LoginAppV1/Login.jsp

Login Page

Enter Username :	<input type="text" value="U1"/>
Enter Password :	<input type="password" value="....."/>
<input type="button" value="Reset"/>	<input type="button" value="Submit"/>

← ↻ ⓘ localhost:8080/LoginAppV1/CheckLoginDB.jsp?

Welcome U1