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>
```


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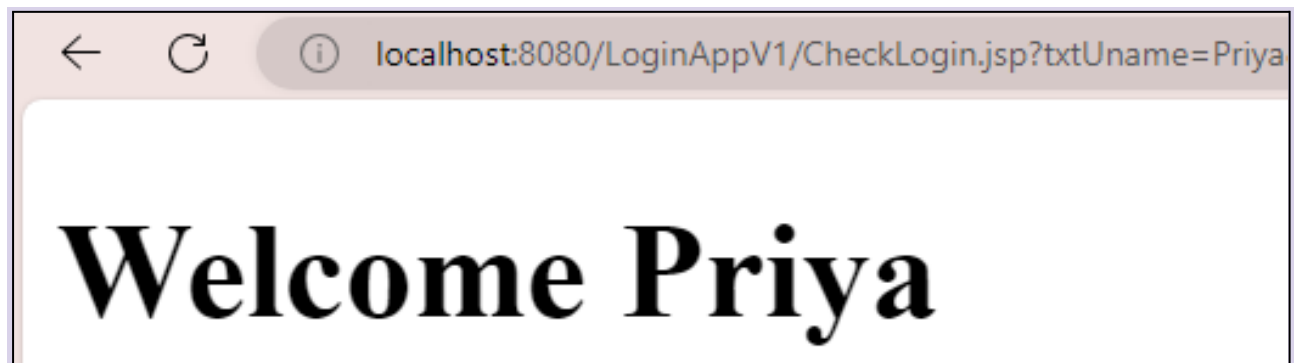
```
            }
        %>
    </body>
</html>
```

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

```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>
```

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

Login.jsp

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