**JSP LOGIN REGISTERATION**

1. We have to create a database with a name of test.
2. Use DBName;
3. Create the members table with a help of below code.
4. In Java eclipse-Create dynamic web project.
5. Select apache tomcat 7.0 and above.
6. Import your all external Jar files(3.0 servlet ,MySQL-connector,jstl 1.2 jar ).
7. These above jar files have to put in to Lib folder.
8. Check your database name, user name of MYSQL Workbench , password.
9. Check your JSP class file names.(Lower case and upper case bcz more case sensitive).

Create database test;

Use test;

|  |
| --- |
| CREATE TABLE `members` (  `id` int(10) unsigned NOT NULL auto\_increment,  `first\_name` varchar(45) NOT NULL,  `last\_name` varchar(45) NOT NULL,  `email` varchar(45) NOT NULL,  `uname` varchar(45) NOT NULL,  `pass` varchar(45) NOT NULL,  `regdate` date NOT NULL,  PRIMARY KEY  (`id`)  ) ENGINE=InnoDB DEFAULT CHARSET=latin1; |

**index.jsp**

|  |  |
| --- | --- |
|  | <%@page contentType="text/html" pageEncoding="UTF-8"%>  <!DOCTYPE html>  <html>  <head>  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">  <title>JSP Example</title>  </head>  <body>  <form method="post" action="login.jsp">  <center>  <table border="1" width="30%" cellpadding="3">  <thead>  <tr>  <th colspan="2">Login Here</th>  </tr>  </thead>  <tbody>  <tr>  <td>User Name</td>  <td><input type="text" name="uname" value="" /></td>  </tr>  <tr>  <td>Password</td>  <td><input type="password" name="pass" value="" /></td>  </tr>  <tr>  <td><input type="submit" value="Login" /></td>  <td><input type="reset" value="Reset" /></td>  </tr>  <tr>  <td colspan="2">Yet Not Registered!! <a href="reg.jsp">Register Here</a></td>  </tr>  </tbody>  </table>  </center>  </form>  </body>  </html> |

**reg.jsp**

|  |  |
| --- | --- |
|  | <%@page contentType="text/html" pageEncoding="UTF-8"%>  <!DOCTYPE html>  <html>  <head>  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">  <title>Registration</title>  </head>  <body>  <form method="post" action="registration.jsp">  <center>  <table border="1" width="30%" cellpadding="5">  <thead>  <tr>  <th colspan="2">Enter Information Here</th>  </tr>  </thead>  <tbody>  <tr>  <td>First Name</td>  <td><input type="text" name="fname" value="" /></td>  </tr>  <tr>  <td>Last Name</td>  <td><input type="text" name="lname" value="" /></td>  </tr>  <tr>  <td>Email</td>  <td><input type="text" name="email" value="" /></td>  </tr>  <tr>  <td>User Name</td>  <td><input type="text" name="uname" value="" /></td>  </tr>  <tr>  <td>Password</td>  <td><input type="password" name="pass" value="" /></td>  </tr>  <tr>  <td><input type="submit" value="Submit" /></td>  <td><input type="reset" value="Reset" /></td>  </tr>  <tr>  <td colspan="2">Already registered!! <a href="index.jsp">Login Here</a></td>  </tr>  </tbody>  </table>  </center>  </form>  </body>  </html> |

**registration.jsp**

|  |  |
| --- | --- |
|  | <%@ page import ="java.sql.\*" %>  <%  String user = request.getParameter("uname");  String pwd = request.getParameter("pass");  String fname = request.getParameter("fname");  String lname = request.getParameter("lname");  String email = request.getParameter("email");  Class.forName("com.mysql.cj.jdbc.Driver");  Connection con = DriverManager.getConnection("jdbc:[mysql://localhost:3306/](mysql://localhost:3306/dbname)test",  "root", "dbpass");  Statement st = con.createStatement();  //ResultSet rs;  int i = st.executeUpdate("insert into members(first\_name, last\_name, email, uname, pass, regdate) values ('" + fname + "','" + lname + "','" + email + "','" + user + "','" + pwd + "', CURDATE())");  if (i > 0) {  //session.setAttribute("userid", user);  response.sendRedirect("welcome.jsp");  // out.print("Registration Successfull!"+"<a href='index.jsp'>Go to Login</a>");  } else {  response.sendRedirect("index.jsp");  }  %> |

**welcome.jsp**

|  |  |
| --- | --- |
|  | Registration is Successful.  Please Login Here <a href='index.jsp'>Go to Login</a> |

**login.jsp**

|  |  |
| --- | --- |
|  | <%@ page import ="java.sql.\*" %>  <%  String userid = request.getParameter("uname");  String pwd = request.getParameter("pass");  Class.forName("com.mysql.cj.jdbc.Driver");  Connection con = DriverManager.getConnection("jdbc:[mysql://localhost:3306/test](mysql://localhost:3306/dbname)",  "root", "root");  Statement st = con.createStatement();  ResultSet rs;  rs = st.executeQuery("select \* from members where uname='" + userid + "' and pass='" + pwd + "'");  if (rs.next()) {  session.setAttribute("userid", userid);  //out.println("welcome " + userid);  //out.println("<a href='logout.jsp'>Log out</a>");  response.sendRedirect("success.jsp");  } else {  out.println("Invalid password / username <a href='index.jsp'>try again</a>");  }  %> |

**success.jsp**

|  |  |
| --- | --- |
|  | <%  if ((session.getAttribute("userid") == null) || (session.getAttribute("userid") == "")) {  %>  You are not logged in<br/>  <a href="index.jsp">Please Login</a>  <%} else {  %>  Welcome <%=session.getAttribute("userid")%>  <a href='logout.jsp'>Log out</a>  <%  }  %> |

**logout.jsp**

|  |  |
| --- | --- |
|  | <%  session.setAttribute("userid", null);  session.invalidate();  response.sendRedirect("index.jsp");  %> |