



















- ▼  practice\_servlet\_database
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Package Explorer X

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Login.java

Register.jsp X

RegisterStud.java

Login.jsp

```
62     }
63
64     form {
65         margin-top: 15px;
66     }
67 </style>
68 </head>
69 <body>
70     <div class="container">
71         <h1>Student Registration</h1>
72         <h2>Please fill in the form below</h2>
73         <form action="add_stud_details" method="post">
74             Enter Student Name:<br>
75             <input type="text" name="stud_name" required><br><br>
76             Enter Student Age:<br>
77             <input type="text" name="stud_age" required><br><br>
78             Enter Student Email:<br>
79             <input type="text" name="stud_email" required><br><br>
80             Enter Password:<br>
81             <input type="password" name="password" required><br><br>
82             <input type="submit" name="Register" value="Register">
83         </form>
84     </div>
85 </body>
86 </html>
87
```

Console X Servers Properties

No consoles to display at this time.

## Student Registration

Please fill in the form below

Enter Student Name:

Enter Student Age:

Enter Student Email:

saurabhwakchaure1412@gmail.com

Enter Password:

\*\*\*\*\*

Register



Login.java Register.jsp RegisterStud.java × Login.jsp

```
1 package practice_servlet_database;
2
3 import java.io.IOException;
4
5
6
7
8
9
10
11
12
13
14
15
16
17 @WebServlet("/add_stud_details")
18 public class RegisterStud extends HttpServlet
19 {
20
21     @Override
22     protected void doPost(HttpServletRequest req, HttpServletResponse res) throws ServletException, IOException
23     {
24
25         PrintWriter out=res.getWriter();
26         String name=req.getParameter("stud_name");
27         String age=req.getParameter("stud_age");
28         String email=req.getParameter("stud_email");
29         String password=req.getParameter("password");
30
31         try {
32             Class.forName("com.mysql.cj.jdbc.Driver");
33             Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/servlet_jsp_database","root","saurabh1412");
34             PreparedStatement ps=con.prepareStatement("insert into practice_register values(?,?,?,?)");
35             ps.setString(1, name);
36             ps.setString(2,age);
37             ps.setString(3, email);
38             ps.setString(4,password);
39
40             int count= ps.executeUpdate();
41
42         } catch (Exception e) {
43             e.printStackTrace();
44         }
45     }
46 }
```





Login.java Register.jsp RegisterStud.java X Login.jsp

```
31     try {
32         Class.forName("com.mysql.cj.jdbc.Driver");
33         Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/servlet_jsp_database","root","saurabh1412");
34         PreparedStatement ps=con.prepareStatement("insert into practice_register values(?,?,?,?)");
35         ps.setString(1, name);
36         ps.setString(2,age);
37         ps.setString(3, email);
38         ps.setString(4,password);
39
40         int count= ps.executeUpdate();
41
42         if(count>0)
43         {
44             res.setContentType("text/html");
45             RequestDispatcher rd=req.getRequestDispatcher("/Login.jsp");
46             rd.include(req, res);
47         }
48         else
49         {
50             res.setContentType("text/html");
51             out.print("<h3> User not Register </h3>");
52             RequestDispatcher rd=req.getRequestDispatcher("/failed.jsp");
53             rd.include(req, res);
54         }
55     }
56
57 }
58 catch(Exception e)
59 {
60     e.printStackTrace(out);
61 }
```



Login.java Register.jsp RegisterStud.java Login.jsp X

```
47     border: none;
48     border-radius: 5px;
49     cursor: pointer;
50     font-size: 16px;
51 }
52
53 input[type="submit"]:hover {
54     background-color: #45a049;
55 }
56
57 form {
58     margin-top: 15px;
59 }
60
61 </style>
62 </head>
63 <body>
64     <div class="container">
65         <h2>Login</h2>
66         <form action="login" method="post">
67             Enter Username (Email):<br>
68             <input type="text" name="username" required><br><br>
69             Enter Password:<br>
70             <input type="password" name="password" required><br><br>
71             <input type="submit" name="Login" value="Login">
72         </form>
73     </div>
74 </body>
75 </html>
76
```

## Login

Enter Username (Email):

Enter Password:





Login.java × Register.jsp RegisterStud.java Login.jsp

```
1 package practice_servlet_database;
2
3 import java.io.IOException;
12
13 @WebServlet("/login")
14 public class Login extends HttpServlet {
15
16     @Override
17     public void doPost(HttpServletRequest req, HttpServletResponse res) throws ServletException, IOException {
18         res.setContentType("text/html");
19         PrintWriter out = res.getWriter();
20
21         String username = req.getParameter("username");
22         String password = req.getParameter("password");
23
24         try {
25
26             Class.forName("com.mysql.cj.jdbc.Driver");
27
28
29             Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/servlet_jsp_database", "root", "saurabh1412");
30
31
32             if (con != null) {
33                 out.println("<h3>Connection successful!</h3>");
34             } else {
35                 out.println("<h3>Connection failed!</h3>");
36             }
37
38
39 
```



```
39     PreparedStatement pstmt = con.prepareStatement("SELECT * FROM practice_register");
40     ResultSet rs = pstmt.executeQuery();
41
42     //<--fetch all records>
43     out.println("<style>");
44     out.println("table { width: 50%; margin: auto; border-collapse: collapse; font-family: Arial, sans-serif;}");
45     out.println("th, td { border: 1px solid black; padding: 10px; text-align: center; }");
46     out.println("th { background-color: #f2f2f2; }");
47     out.println("tr:nth-child(even) { background-color: #f9f9f9; }");
48     out.println("tr:hover { background-color: #f1f1f1; }");
49     out.println("</style>");
50
51     out.println("<h2 style='text-align: center;'>Student Details</h2>");
52     out.println("<table>");
53     out.println("<tr><th>Name</th><th>Age</th><th>Email</th><th>Password</th></tr>");
54
55     while (rs.next())
56     {
57         out.println("<tr>");
58         out.println("<td>" + rs.getString("name") + "</td>");
59         out.println("<td>" + rs.getString("age") + "</td>");
60         out.println("<td>" + rs.getString("email") + "</td>");
61         out.println("<td>" + rs.getString("password") + "</td>");
62         out.println("</tr>");
63     }
64     out.println("</table>");
65
66     //<--check login details>
67
68     /*boolean result=false;
```

Connection successful!

Student Details

Name	Age	Email	Password
sejal waman	22	sejalwaman@gmail.com	sejal@1211
saurabh wakchaure	22	saurabhwakchaure1412@gmail.com	saurabh1412
Rohit Sharma	32	rohitsharma@gmail.com	Rohit@123
gaurav waghmare	23	gauravwaghmare@gmail.com	gaurav123





Login.java × Register.jsp RegisterStud.java Login.jsp

```
67
68     boolean result=false;
69     while(rs.next())
70     {
71         String check_username=rs.getString("email");
72         String check_password=rs.getString("password");
73
74         if(check_username.equals(username) && check_password.equals(password))
75         {
76             result=true;
77         }
78     }
79
80     if(result==true)
81     {
82         out.println("<h1>login successful</h1>");
83     }
84     else
85     {
86         out.println("<h1>login not successful</h1>");
87     }
88 }
89
90 }
91 catch (Exception e)
92 {
93     e.printStackTrace(out);
94 }
95 }
96 }
```

I

Connection successful!

**login successful**