
 Marwadi University Marwadi Chandarana Group 	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Subject: Advanced Java (01CT1623)	Aim: Take USeName and Email-id from user in html page. Store emailid in xml file also. Display both values in servlet. (Servlet)	
Experiment :- 5	Date:- 31-01-2025	Enrollment No:- 92200133003

CODE :-

UserServlet

```

package com.example.servlet;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import java.io.File;
import java.io.FileWriter;
import java.io.IOException;
import java.io.PrintWriter;

@WebServlet("/UserServlet")
public class UserServlet extends HttpServlet {
    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        // Get user inputs
        String username = request.getParameter("username");
        String email = request.getParameter("email");



        // Save username and email to XML file
        saveUserToXML(username, email);

        // Display output on webpage
        response.setContentType("text/html");
        PrintWriter out = response.getWriter();
        out.println("<html><body>");
        out.println("<h2>User Details</h2>");
        out.println("<p>Username: " + username + "</p>");
        out.println("<p>Email-ID: " + email + "</p>");
        out.println("</body></html>");
    }

    private void saveUserToXML(String username, String email) {
        try {
            File xmlFile = new File("D:\\SEMESTER 6\\Advance-Java\\Practicals\\Practical_5\\Login\\src\\main\\webapp\\data.xml"); // Change
            path if needed
            if (!xmlFile.exists()) {
                FileWriter writer = new FileWriter(xmlFile);
                writer.write("<?xml version='1.0' encoding='UTF-8'?'>\n<users>\n</users>");
                writer.close();
            }

            // Append new username and email entry
            FileWriter writer = new FileWriter(xmlFile, true);
            writer.write("\n<user>\n");
            writer.write("\t<username>" + username + "</username>\n");
            writer.write("\t<email>" + email + "</email>\n");
            writer.write("</user>\n");
            writer.close();
        } catch (IOException e) {
            e.printStackTrace();
        }
    }
}

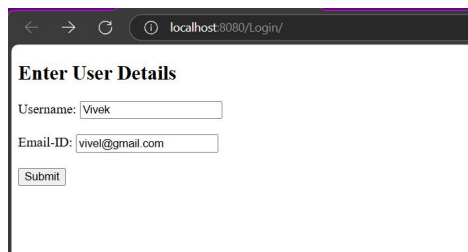
```

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Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>User Form</title>
</head>
<body>
<h2>Enter User Details</h2>
<form action="UserServlet" method="post">
  Username: <input type="text" name="username" required> <br><br>
  Email-ID: <input type="email" name="email" required> <br><br>
  <input type="submit" value="Submit">
</form>
</body>
</html>
```

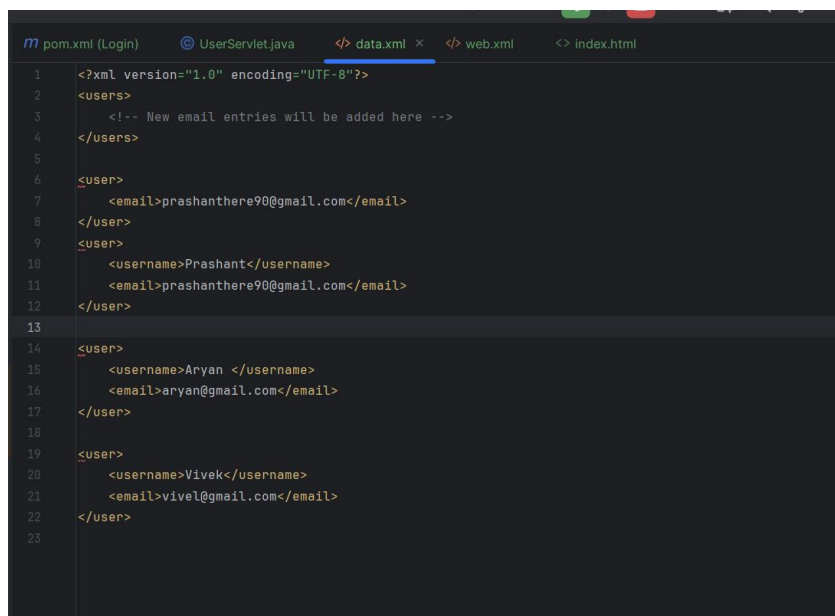
OUTPUT:-




User Details

Username: Vivek

Email-ID: vivel@gmail.com



```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <users>
3    <!-- New email entries will be added here -->
4  </users>
5
6  <user>
7    <email>prashanthere90@gmail.com</email>
8  </user>
9  <user>
10   <username>Prashant</username>
11   <email>prashanthere90@gmail.com</email>
12 </user>
13
14 <user>
15   <username>Aryan </username>
16   <email>aryan@gmail.com</email>
17 </user>
18
19 <user>
20   <username>Vivek</username>
21   <email>vivel@gmail.com</email>
22 </user>
23
```