**Source Code**

**Servlet code:**

package phase2project;

import jakarta.servlet.RequestDispatcher;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

import java.io.PrintWriter;

@WebServlet("/App")

public class App extends HttpServlet {

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

PrintWriter out = response.getWriter();

String email = request.getParameter("email");

String password = request.getParameter("password");

//hardcoded email and pass

String preshared\_email = "suprith@orkut.com";

String preshared\_password = "1234554321";

if(email.trim().equals(preshared\_email) && password.trim().equals(preshared\_password)) {

out.println("<H1>User Authenticated</H1><p>");

}

else {

out.println("<HTML>");

out.println("<BODY>");

out.println("<FORM METHOD=\"GET\" ACTION=\"index.html\">");

out.println("<H1>Invalid User</H1><p>");

out.println("<INPUT TYPE=\"SUBMIT\" VALUE=\"Try Again\">");

out.println("</FORM>");

out.println("</BODY>");

out.println("</HTML>");

}

out.close();

}

}

**HTML code:**

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Form</title>

<link href="style.css" rel="stylesheet" type="text/css">

</head>

<body>

<form action="App" method="post">

<h3>Enter Email</h3>

<input type="text" name="email"><br>

<h3>Enter Password</h3>

<input type="text" name="password"><br>

<button class="button button1"type="submit">Submit</button>

</form>

</body>

</html>