**demo.html:**

<!DOCTYPE html>

<html style='margin: *0*; padding: *0*; box-sizing: *border-box*;'>

<head>

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

<title>Login</title>

</head>

<body style='height: *100vh*; display: *flex*; flex-direction: *column*; align-items: *center*; padding: *2rem*;'>

<h1>Login to continue</h1>

<form action=*"UrlRewriteDemo"* method=*"post"*>

<div style="margin-bottom: *10px*;">

<label for=*"email"*>Email</label>

<input type=*"email"* name=*"email"* id=*"email"* />

</div>

<div style="margin-bottom: *10px*;">

<label for=*"password"*>Password</label>

<input type=*"password"* name=*"password"* id=*"password"* />

</div>

<input type=*"submit"* value=*"Login"* />

</form>

</body>

</html>

**UrlRewriteDemo.java:**

**import** java.io.IOException;

**import** javax.servlet.RequestDispatcher;

**import** javax.servlet.ServletException;

**import** javax.servlet.annotation.WebServlet;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class UrlRewriteDemo

\*/

@WebServlet("/UrlRewriteDemo")

**public** **class** UrlRewriteDemo **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** UrlRewriteDemo() {

**super**();

// **TODO** Auto-generated constructor stub

}

/\*\*

\* **@see** HttpServlet#service(HttpServletRequest request, HttpServletResponse response)

\*/

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

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

RequestDispatcher rd = request.getRequestDispatcher("Demo?user="+email);

rd.forward(request, response);

}

}

**Demo.java:**

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

**import** javax.servlet.annotation.WebServlet;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class Demo

\*/

@WebServlet("/Demo")

**public** **class** Demo **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** Demo() {

**super**();

// **TODO** Auto-generated constructor stub

}

/\*\*

\* **@see** HttpServlet#service(HttpServletRequest request, HttpServletResponse response)

\*/

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

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

out.println("<h1>"+email+"</h1>");

}

}