li.html

<!DOCTYPE html>

<html>

<head>

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

<title>link</title>

</head>

<body>

<a href=*"index.html"*>Login</a> |

<a href=*"logout"*>Logout</a> |

<a href=*"profile"*>Profile</a>

<hr>

</body>

</html>

List.html

<!DOCTYPE html>

<html>

<head>

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

<title>Login Example</title>

</head>

<body>

<h1>Login Application using HttpSession</h1>

<a href=*"index.html"*>Login</a>|

<a href=*"logout"*>Logout</a>|

<a href=*"profile"*>Profile</a>

</body>

</html>

Index.java

<!DOCTYPE html>

<html>

<head>

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

<title>User login logout</title>

</head>

<body>

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

Email ID:<input type=*"text"* name=*"username"* /><br/>

Password:<input type=*"text"* name=*"password"* /><br/>

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

</form>

</body>

</html>

Login.servlet

**package** loginlogout;

**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;

**import** javax.servlet.http.HttpSession;

/\*\*

\* Servlet implementation class login

\*/

@WebServlet("/login")

**public** **class** login **extends** HttpServlet {

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

/\*\*

\* Default constructor.

\*/

**public** login() {

}

/\*\*

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

\*/

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

response.setContentType("text/html");

PrintWriter out=response.getWriter();

request.getRequestDispatcher("li.html").include(request, response);

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

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

**if**(password.equals("admin123")){

out.print("Welcome, "+username);

HttpSession session=request.getSession();

session.setAttribute("username",username);

}

**else**{

out.print("Sorry, username or password error!");

request.getRequestDispatcher("index.html").include(request, response);

}

out.close();

}

}

logout.servlet

**package** userlogout;

**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;

**import** javax.servlet.http.HttpSession;

/\*\*

\* Servlet implementation class logout

\*/

@WebServlet("/logout")

**public** **class** logout **extends** HttpServlet {

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

/\*\*

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

\*/

**public** logout() {

**super**();

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

}

/\*\*

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

\*/

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

response.setContentType("text/html");

PrintWriter out=response.getWriter();

request.getRequestDispatcher("li.html").include(request, response);

HttpSession session=request.getSession();

session.invalidate();

out.print("You are successfully logged out!");

out.close();

}

}

**Profile.servlet**

**package** profile;

**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;

**import** javax.servlet.http.HttpSession;

/\*\*

\* Servlet implementation class profile

\*/

@WebServlet("/profile")

**public** **class** profile **extends** HttpServlet {

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

/\*\*

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

\*/

**public** profile() {

**super**();

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

}

/\*\*

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

\*/

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

response.setContentType("text/html");

PrintWriter out=response.getWriter();

request.getRequestDispatcher("li.html").include(request, response);

HttpSession session=request.getSession(**false**);

**if**(session!=**null**){

String username=(String)session.getAttribute("username");

out.print("Hello, "+username+" Welcome to Profile");

}

**else**{

out.print("Please login first");

request.getRequestDispatcher("index.html").include(request, response);

}

out.close();

}

}

**web.xml**

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<element>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://xmlns.jcp.org/xml/ns/javaee"* xsi:schemaLocation=*"http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_4\_0.xsd"* id=*"WebApp\_ID"* version=*"4.0"*>

<display-name>Userloginloggout</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.jsp</welcome-file>

<welcome-file>index.htm</welcome-file>

<welcome-file>default.html</welcome-file>

<welcome-file>default.jsp</welcome-file>

<welcome-file>default.htm</welcome-file>

</welcome-file-list>

<servlet>

<description></description>

<display-name>login</display-name>

<servlet-name>login</servlet-name>

<servlet-class>login</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>login</servlet-name>

<url-pattern>/login</url-pattern>

</servlet-mapping>

<servlet>

<description></description>

<display-name>profile</display-name>

<servlet-name>profile</servlet-name>

<servlet-class>profile</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>profile</servlet-name>

<url-pattern>/profile</url-pattern>

</servlet-mapping>

<servlet>

<description></description>

<display-name>logout</display-name>

<servlet-name>logout</servlet-name>

<servlet-class>logout</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>logout</servlet-name>

<url-pattern>/logout</url-pattern>

</servlet-mapping>

</web-app>

</element>