**Login Logout using Servlet**

**Index.html**

<!DOCTYPE html>

<html>

<head>

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

<title>Servlet Login Example</title>

</head>

<body>

<h1>Login App using HttpSession</h1>

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

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

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

</body>

</html>

**link.html**

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

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

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

<hr>

**login.html**

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

Name:<input type=*"text"* name=*"name"*><br>

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

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

</form>

**LoginServlet.java**

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

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

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

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

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

**public** **class** LoginServlet **extends** HttpServlet {

**protected** **void** doPost(HttpServletRequest request, HttpServletResponse response)

**throws** ServletException, IOException {

response.setContentType("text/html");

PrintWriter out=response.getWriter();

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

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

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

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

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

HttpSession session=request.getSession();

session.setAttribute("name",name);

}

**else**{

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

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

}

out.close();

}

}

**LogoutServlet.java**

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

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

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

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

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

**public** **class** LogoutServlet **extends** HttpServlet {

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response)

**throws** ServletException, IOException {

response.setContentType("text/html");

PrintWriter out=response.getWriter();

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

HttpSession session=request.getSession();

session.invalidate();

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

out.close();

}

}

**ProfileServlet.java**

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

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

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

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

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

**public** **class** ProfileServlet **extends** HttpServlet {

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response)

**throws** ServletException, IOException {

response.setContentType("text/html");

PrintWriter out=response.getWriter();

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

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

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

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

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

}

**else**{

out.print("Please login first");

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

}

out.close();

}

}

**Web.xml**

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

<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>ServletDemo</display-name>

<servlet>

<description></description>

<display-name>LoginServlet</display-name>

<servlet-name>LoginServlet</servlet-name>

<servlet-class>LoginServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>LoginServlet</servlet-name>

<url-pattern>/LoginServlet</url-pattern>

</servlet-mapping>

<servlet>

<description></description>

<display-name>ProfileServlet</display-name>

<servlet-name>ProfileServlet</servlet-name>

<servlet-class>ProfileServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>ProfileServlet</servlet-name>

<url-pattern>/ProfileServlet</url-pattern>

</servlet-mapping>

<servlet>

<description></description>

<display-name>LogoutServlet</display-name>

<servlet-name>LogoutServlet</servlet-name>

<servlet-class>LogoutServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>LogoutServlet</servlet-name>

<url-pattern>/LogoutServlet</url-pattern>

</servlet-mapping>

</web-app>