● Create an HTML page to initiate a login  
● Handle the login with a servlet  
● Redirect to another Servlet that will show a dashboard having a logout link  
● Create a servlet that will handle the session logout

Program

//index.html

<!DOCTYPE html>

<html>

<head>

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

<title>Servlet Login Example</title>

</head>

<body>

<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>

<h1>Welcome to Login App by Cookie</h1>

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

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

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

</body>

</html>

//File: LoginServlet.java

**package** com.javatpoint;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.Cookie;

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

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

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

**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("You are successfully logged in!");

out.print("<br>Welcome, "+name);

Cookie ck=**new** Cookie("name",name);

response.addCookie(ck);

}**else**{

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

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

}

out.close();

}

}

//File: LogoutServlet.java

**package** com.javatpoint;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.Cookie;

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

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

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

**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);

Cookie ck=**new** Cookie("name","");

ck.setMaxAge(0);

response.addCookie(ck);

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

}

}

//File: ProfileServlet.java

**package** com.javatpoint;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.Cookie;

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

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

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

**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);

Cookie ck[]=request.getCookies();

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

String name=ck[0].getValue();

**if**(!name.equals("")||name!=**null**){

out.print("<b>Welcome to Profile</b>");

out.print("<br>Welcome, "+name);

}

}**else**{

out.print("Please login first");

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

}

out.close();

}

}

//File: web.xml

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

<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xmlns="http://java.sun.com/xml/ns/javaee" xsi:schemaLocation="http://java.sun.com/xml/ns/javaee

http://java.sun.com/xml/ns/javaee/web-app\_2\_5.xsd" id="WebApp\_ID" version="2.5">

<servlet>

<description></description>

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

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

<servlet-**class**>com.javatpoint.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**>com.javatpoint.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**>com.javatpoint.LogoutServlet</servlet-**class**>

</servlet>

<servlet-mapping>

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

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

</servlet-mapping>

</web-app>