Index.html

<!DOCTYPE html>

<html>

<head>

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

<title>Validation of user</title>

</head>

<body>

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

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

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

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

</form>

</body>

</html>

linkk.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>

**Servlet programs:**

**Login:**

**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;

@WebServlet("/login")

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

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

**public** login() {

}

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

response.setContentType("text/html");

PrintWriter out=response.getWriter();

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

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

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

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

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:**

**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;

@WebServlet("/logout")

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

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

**public** logout() {

**super**();

}

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

response.setContentType("text/html");

PrintWriter out=response.getWriter();

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

HttpSession session=request.getSession();

session.invalidate();

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

out.close();

}

}

Profile:

**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;

@WebServlet("/profile")

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

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

**public** profile() {

**super**();

}

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

response.setContentType("text/html");

PrintWriter out=response.getWriter();

request.getRequestDispatcher("linkk.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();

}

}