

```
1 package mypackage;
2
3 import java.io.*;
4
5
6
7
8 @WebServlet("/controller")
9 public class Controller extends HttpServlet {
10     @Override
11     public void doPost(HttpServletRequest request,
12                        HttpServletResponse response)
13         throws ServletException, IOException {
14
15         PersonDB personDB = PersonDB.getInstance();
16
17         String action = request.getParameter("action");
18
19         if (action.equals("login")) {
20             String username = request.getParameter
21                 ("username");
22             String password = request.getParameter
23                 ("password");
24
25             Person person = personDB.getPerson(username);
26             if ((person == null) || !person.getPassword
27                 ().equals(password)) {
28                 //Unknown User or Failed Login
29                 request.setAttribute("errmsg", "Login
30                     Failed");
31                 RequestDispatcher rd =
32                     request.getRequestDispatcher("login.jsp");
33                 rd.forward(request, response);
34             } else {
35                 HttpSession session = request.getSession();
36                 session.setAttribute("user", person);
37                 RequestDispatcher rd =
38                     request.getRequestDispatcher("WEB-INF/welcome.jsp");
39                 rd.forward(request, response);
40             }
41         }
42     }
43 }
```

```
35     } else if (action.equals("logout")) {
36         HttpSession session = request.getSession(false);
37         if (session != null) session.invalidate();
38         response.sendRedirect("login.jsp");
39     }
40 }
41     @Override
42     public void doGet(HttpServletRequest request,
43                     HttpServletResponse response)
44         throws ServletException, IOException {
45         doPost(request,response);
46     }
47
48 }
49
50
```