

10) Program to demonstrate Session Login and Logout

```
package com.simpli;

import java.io.*;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.*;

@WebServlet("/dashboard")
public class Dashboard extends HttpServlet {
    private static final long serialVersionUID = 1L;

    protected void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        PrintWriter out = response.getWriter();
        response.setContentType("text/html");

        // getSession(false) means don't create new session if one does not exist
        HttpSession session = request.getSession(false);

        if (session != null) {
            String userId = (String) session.getAttribute("userid");
            if (userId == null) {
                out.println("No UserId was found in session.<br>");
            } else {
                out.println("UserId obtained from session : " + userId + "<br>");
                out.println("<a href='logout'>Logout of session</a><br>");
            }
        }
    }
}
```

```

    }
    else {
        out.println("No session exists for this user.<br>");
    }
}
}
}

```

```
package com.simpli;
```

```

import java.io.IOException;
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 LoginServlet extends HttpServlet {
```

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

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

```
        throws ServletException, IOException {
```

```
        String userId = request.getParameter("userid");
```

```
        // retrieve the session obj, if one exist. If does not exist, create a new empty
```

```
        // session.
```

```
        HttpSession session = request.getSession();
```

```
        session.setAttribute("userid", userId);
```

```
        response.sendRedirect("dashboard");
    }
}

```

```

    }

}

package com.simpli;

import java.io.*;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.*;

@WebServlet("/logout")
public class LogoutServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

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

        HttpSession session = request.getSession();
        session.invalidate();

        PrintWriter out = response.getWriter();
        response.setContentType("text/html");

        out.println("You are Logged out of session.<br>");
        out.println("<a href='login.html' >Click here to login again </a>");
    }

}

<form method=POST action="login">
    <br> Userid : <input name=userid>
    <br> password : <input type=password name=password>

```

```
<br> <br> <input type=submit>
```

```
</form>
```

Output:

UserId obtained from session :12345

[Logout of session](#)

You are Logged out of session.

[Click here to login again](#)