

8. Write a program to demonstrate Session Tracking using Hidden Form Fields.

```
// Login servlet
package Phase2;
import java.io.*;
import java.io.PrintWriter;
import javax.servlet.*;
import javax.servlet.annotation.*;
import javax.servlet.http.*;

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

    public LoginServlet() {
        super();
    }

    protected void doGet(HttpServletRequest request, HttpServletResponse
    response) throws ServletException, IOException {
        PrintWriter out = response.getWriter();
        out.println("<html><body>");
        String userId = request.getParameter("userid");
        //creating a new hidden form field
        out.println("<form action='dashboard' method='post'>");
        out.println("<input type='hidden' name='userid' id='userid'
        value='"+userId+"'>");
        out.println("<input type='submit' value='submit' >");
        out.println("</form>");
        out.println("<script>document.forms[0].submit();</script>");
    }

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

// dashboard servlet code
package Phase2;
import java.io.*;
import javax.servlet.*;
import javax.servlet.annotation.*;
import javax.servlet.http.*;
```

```

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

    public Dashboard() {
        super();
    }

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

        PrintWriter out = response.getWriter();
        out.println("<html><body>");
        String userId = request.getParameter("userid");
        if (userId == null) {
            out.println("No UserId was found in hidden form field.<br>");
        }
        else {
            out.println("UserId found in hidden form field: " + userId + "<br>");
        }
        out.println("</body></html>");
    }

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

        doGet(request, response);
    }
}

```

```

Html
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
    <form action="login" method="post">
        <input type="hidden" name="userid" id="userid" value="admin">
        <button>Dashboard with hidden form fields login</button>
    </form>
    <br>
    <a href="dashboard">Dashboard without hidden form fields login</a>
</body>
</html>

```

Web.xml

Web.xml:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<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>FormFieldsTracking</display-name>
<welcome-file-list>
<welcome-file>index.html</welcome-file>
<welcome-file>index.htm</welcome-file>
<welcome-file>index.jsp</welcome-file>
<welcome-file>default.html</welcome-file>
<welcome-file>default.htm</welcome-file>
<welcome-file>default.jsp</welcome-file>
</welcome-file-list>
<servlet>
<servlet-name>LoginServlet</servlet-name>
<servlet-class>LoginServlet</servlet-class>
</servlet>
<servlet>
<servlet-name>Dashboard</servlet-name>
<servlet-class>Dashboard</servlet-class>
</servlet>
<servlet-mapping>
<servlet-name>Dashboard</servlet-name>
<url-pattern>/dashboard</url-pattern>
</servlet-mapping>
<servlet-mapping>
<servlet-name>LoginServlet</servlet-name>
<url-pattern>/login</url-pattern>
</servlet-mapping>
</web-app>
```