

## 8. Write a Program to demonstrate Session Tracking Using Hidden form fields:

### Index.html:

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

</body>
</html>
```

### LoginServlet.java:

```
import java.io.IOException;
import java.io.PrintWriter;

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

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

    /**
     * @see HttpServlet#HttpServlet()
     */
    public LoginServlet() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
```

```

        * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
response)
        */
        protected void doGet(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException {
            // TODO Auto-generated method stub
            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>");

        }

        /**
        * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
response)
        */
        protected void doPost(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException {
            // TODO Auto-generated method stub
            doGet(request, response);
        }
    }
}

```

## Dashboard.java:

```

import java.io.IOException;
import java.io.PrintWriter;

import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.*;
import javax.servlet.annotation.*;
import javax.servlet.http.*;

/**
 * Servlet implementation class Dashboard
 */
@WebServlet("/Dashboard")

```

```

public class Dashboard extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public Dashboard() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
    response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse
    response) throws ServletException, IOException {
        // TODO Auto-generated method stub

        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>");
    }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
    response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse
    response) throws ServletException, IOException {
        // TODO Auto-generated method stub
        doGet(request, response);
    }
}

```

## 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">
    <display-name>FormFieldsTracking</display-name>
    <welcome-file-list>

```

```

    <welcome-file>index.html</welcome-file>
    <welcome-file>index.jsp</welcome-file>
    <welcome-file>index.htm</welcome-file>
    <welcome-file>default.html</welcome-file>
    <welcome-file>default.jsp</welcome-file>
    <welcome-file>default.htm</welcome-file>
</welcome-file-list>
<servlet>
    <description></description>
    <display-name>LoginServlet</display-name>
    <servlet-name>LoginServlet</servlet-name>
    <servlet-class>LoginServlet</servlet-class>
</servlet>
<servlet-mapping>
    <servlet-name>LoginServlet</servlet-name>
    <url-pattern>/LoginServlet</url-pattern>
</servlet-mapping>
<servlet>
    <description></description>
    <display-name>Dashboard</display-name>
    <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>
</web-app>

```

## Output:



