

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

LoginServlet

```
import java.io.*;
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:

```
import java.io.*;
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);
    }
}

```

Index.html:

```

<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
    <form action="login" method="post">
        <input type="hidden" name="userid" id="userid" value="lokesh">
        <button>Dashboard with hidden form fields login</button>
    </form>
    <br><br>
    <a href="dashboard">Dashboard without hidden form fields login</a>

```

```
</body>
</html>
```

Web.xml:

```
<?xml version="1.0" encoding="UTF-8"?>
<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>
```