|  |  |
| --- | --- |
| **Exp No: 6**  **Date: 07.04.25** | **HTTP SESSION** |

**AIM:**

To  Write a Servlet to demonstrate session tracking using HTTP Session.Implement a simple login system where the user's session is tracked.

**PROGRAM:**

**HTML**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<h1>Form Handle By HTTP Session</h1>

<form action=*"/Sree/Httpsession"* method=*"POST"* style="margin-left: *50px*">

<label>Username: </label><input type=*"text"* name=*"username"*/><br><br>

<label>Password: </label><input type=*"password"* name=*"password"*/><br><br>

<input type=*"submit"* value=*"Login"* style="margin-left: *130px*"/>

</form>

</body>

</html>

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**package** com.sandhya.servlet;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**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;

/\*\*

\* Servlet implementation class HttpSessionHandle

\*/

@WebServlet("/Httpsession")

**public** **class** Httpsession **extends** HttpServlet {

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

@SuppressWarnings("deprecation")

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

String username = "WTMA";

String password = "WTMA";

PrintWriter p = response.getWriter();

String user = request.getParameter("username");

String pass = request.getParameter("password");

**if**(user.equals(username) && pass.equals(password))

{

HttpSession session = request.getSession(**true**);

session.~~putValue~~("username", user);

response.sendRedirect(request.getContextPath() + "/Httpsessionhandlingdisplay");

}

**else**

{

p.println("fail");

}

}

}

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**package** com.sandhya.servlet;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**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;

/\*\*

\* Servlet implementation class HttpSessionHandleDisplay

\*/

@WebServlet("/Httpsessionhandlingdisplay")

**public** **class** Httpsessionhandlingdisplay **extends** HttpServlet {

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

/\*\*

\* **@see** HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

PrintWriter p = response.getWriter();

HttpSession session = request.getSession(**true**);

@SuppressWarnings("deprecation")

String user\_name = (String)session.~~getValue~~("username");

p.println("Usernmae is " + user\_name);

}

}

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**OUTPUT:**

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**RESULT :**Thus the To  Write a Servlet to demonstrate session tracking using HTTP Session.Implement a simple login system where the user's session is tracked. has been implemented and verified successfully