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| **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:**

**httpsessionhandle.java** package com.sabharishraja.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("/HttpSessionHandle") public class HttpSessionHandle extends HttpServlet { private static final long serialVersionUID = 1L;

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. setAttribute("username", user);

response.sendRedirect(request.getContextPath() +

"/HttpSessionHandleDisplay");

}

else

{

p.println("fail");

}

}

}

**HttpSessionHandleDisply.java** package com.sabharishraja.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("/HttpSessionHandleDisplay")

public class HttpSessionHandleDisplay 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);

String user\_name =

(String)session.getAttribute("username");

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

}

INDEX.HTML

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1"> <title>HTTP Session</title>

</head>

<body>

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

<form action=" /HttpSessionHandle" 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>

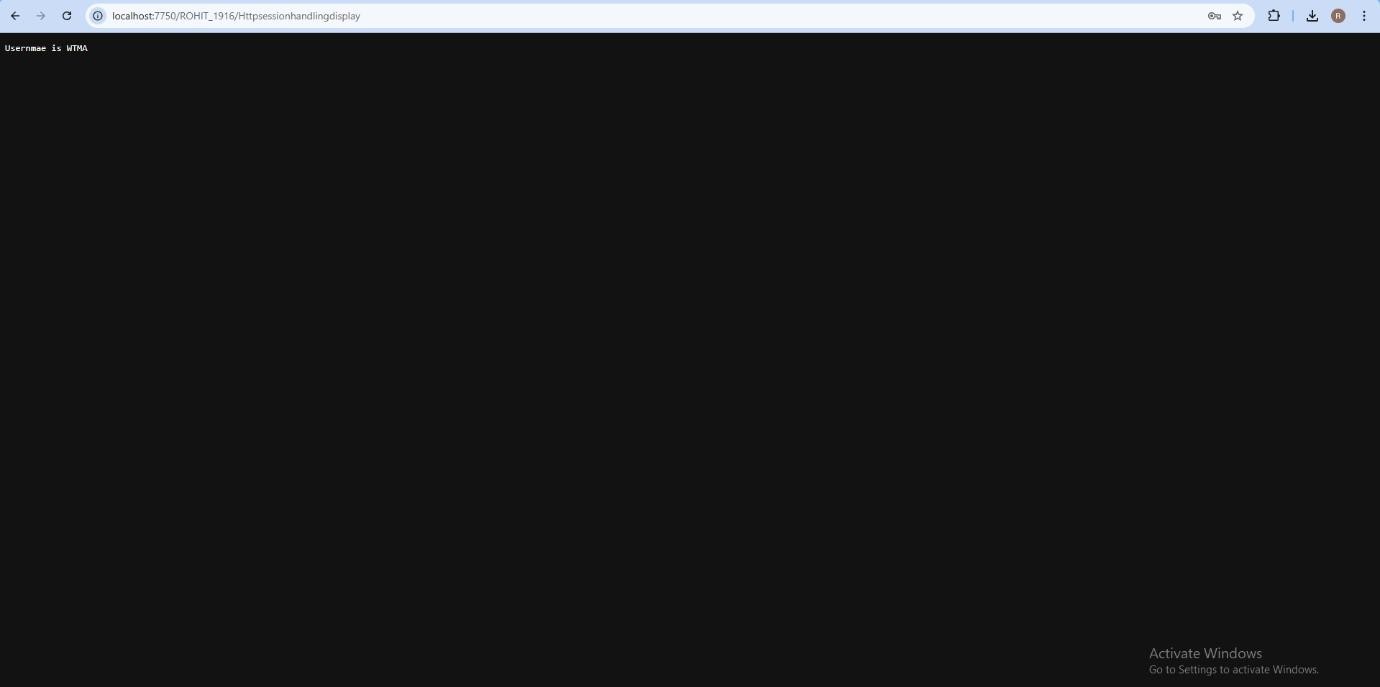
<input type="submit" value="Login" style="margin-left: 130px"/>

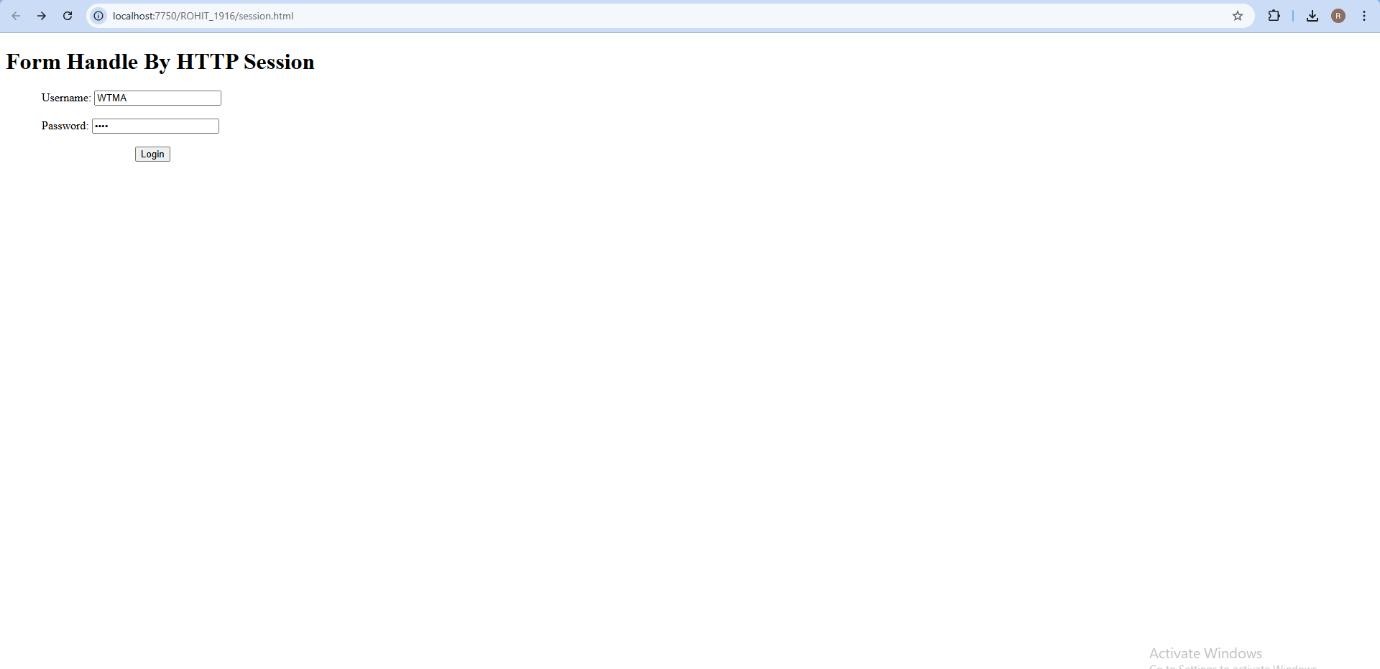
</form>

</body>

</html>

**OUTPUT:**





**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