**Servlet-Based Login System Demonstrating Session Tracking with HttpSession**

**EXP NO: 6**

**AIM:**

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

# CODE:

**Session.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>

# HttpSessionHandle.Java

package com.karthick.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;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public HttpSessionHandle() { super();

// TODO Auto-generated constructor stub

}

/\*\*

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

\*/

@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() + "/HttpSessionHandleDisplay");

}

else

{

}

}

}

p.println("fail");

# HttpSessionHandleDisplay.Java

package com.karthick.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#HttpServlet()

\*/

public HttpSessionHandleDisplay() { super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @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);

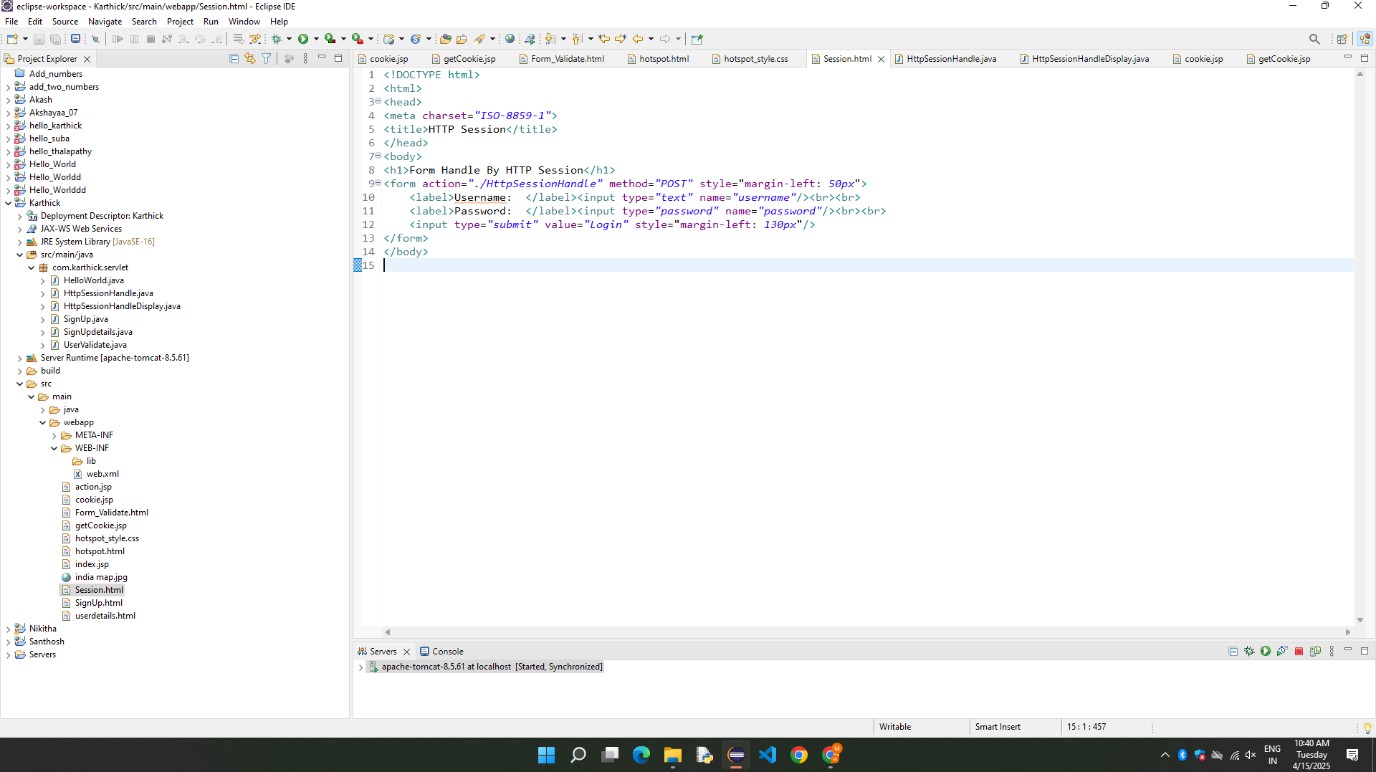
@SuppressWarnings("deprecation")

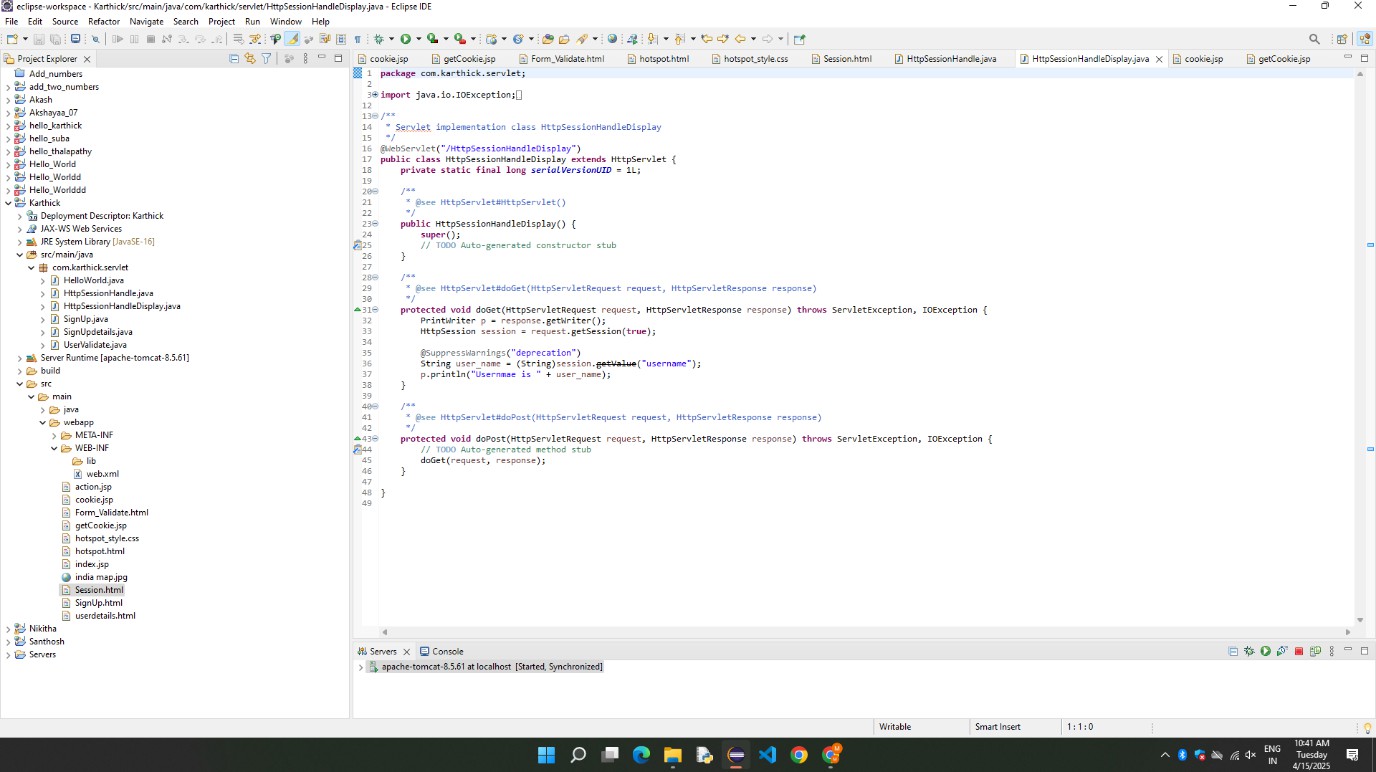
String user\_name = (String)session.getValue("username"); p.println("Usernmae is " + user\_name);

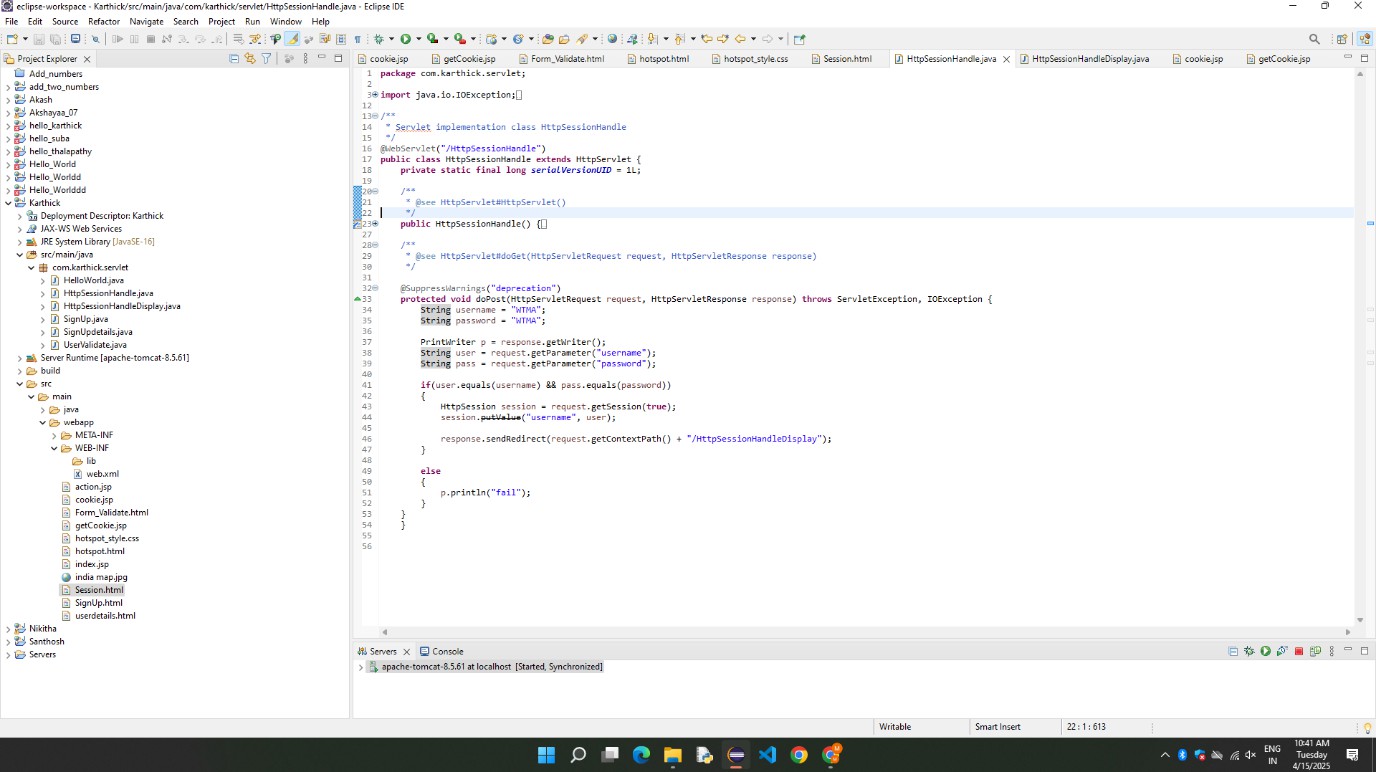
}

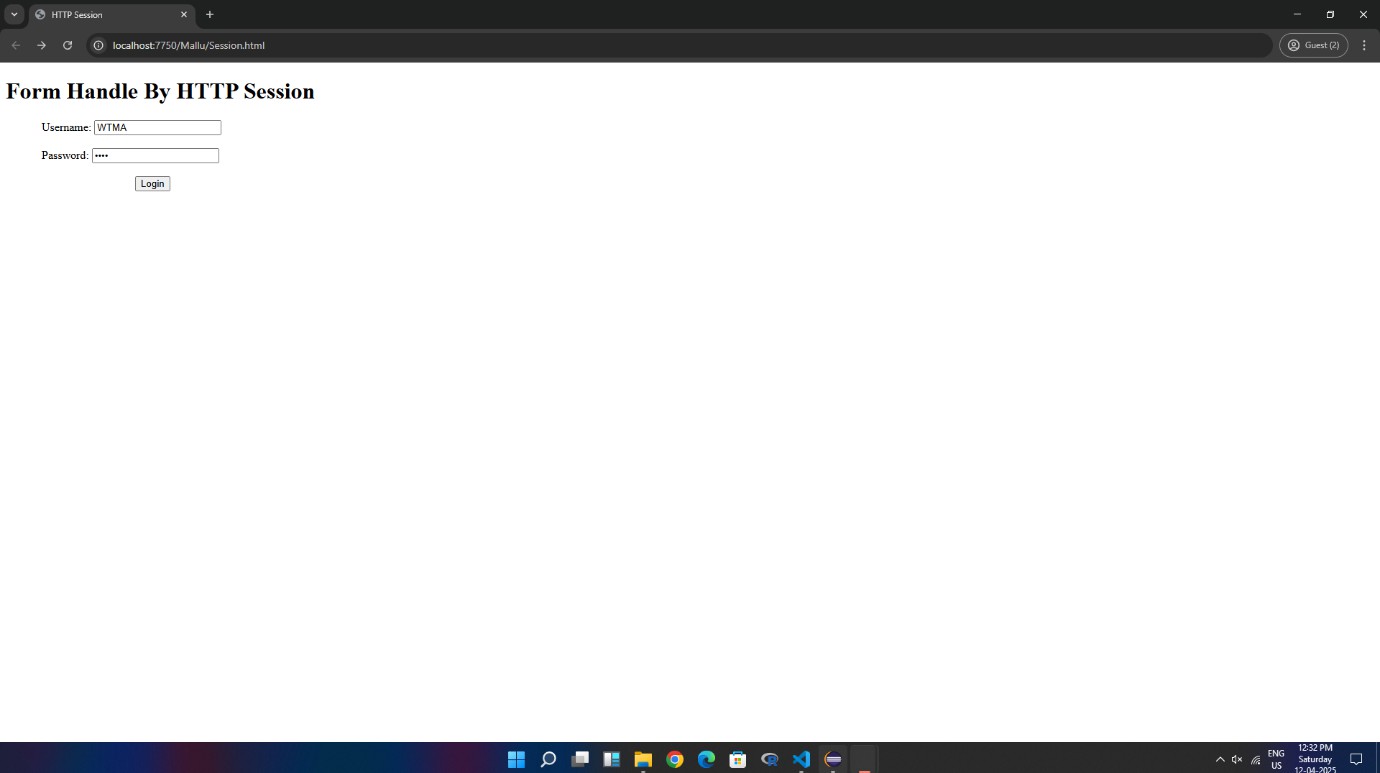
}

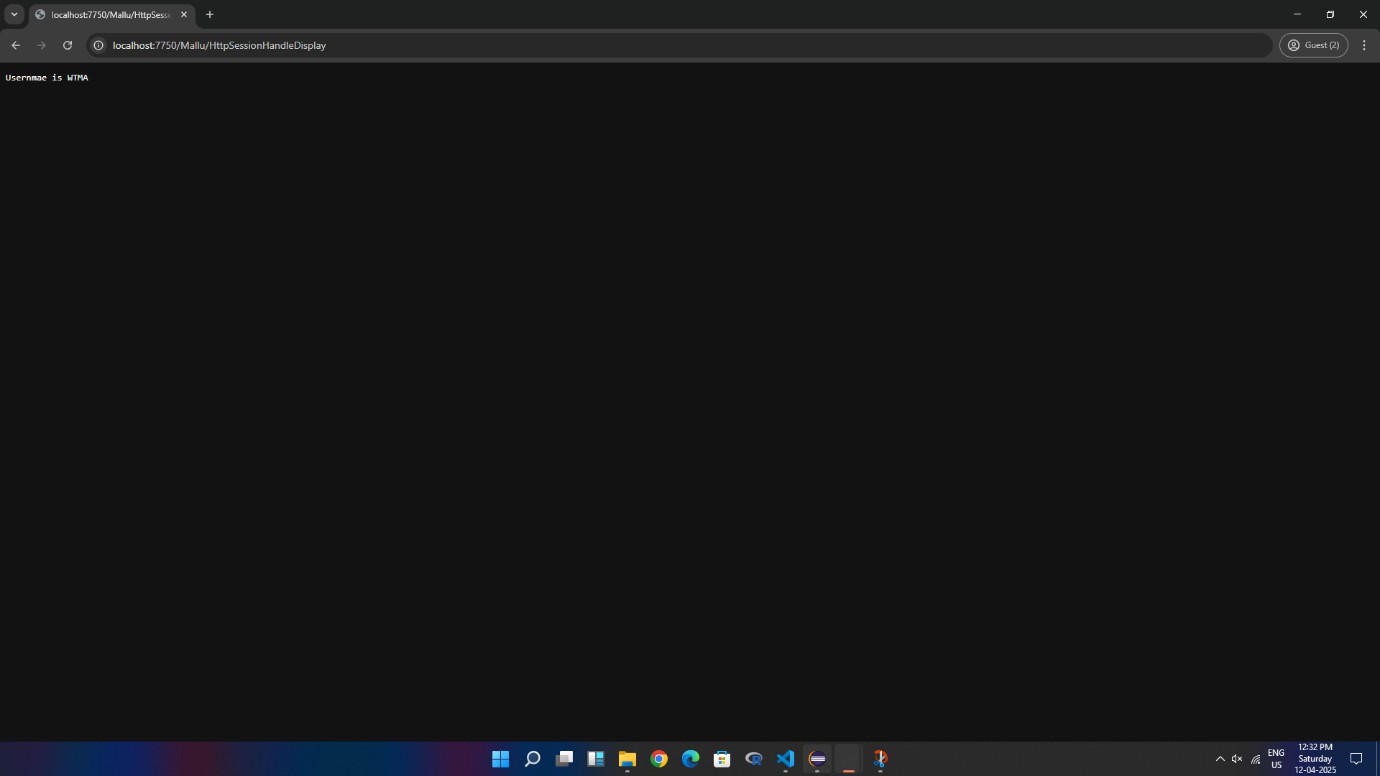
**OUTPUT**:











**RESULT:**

Thus, the Session Tracking is demonstrated using httpsession.