

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.rohit.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.rohit.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);

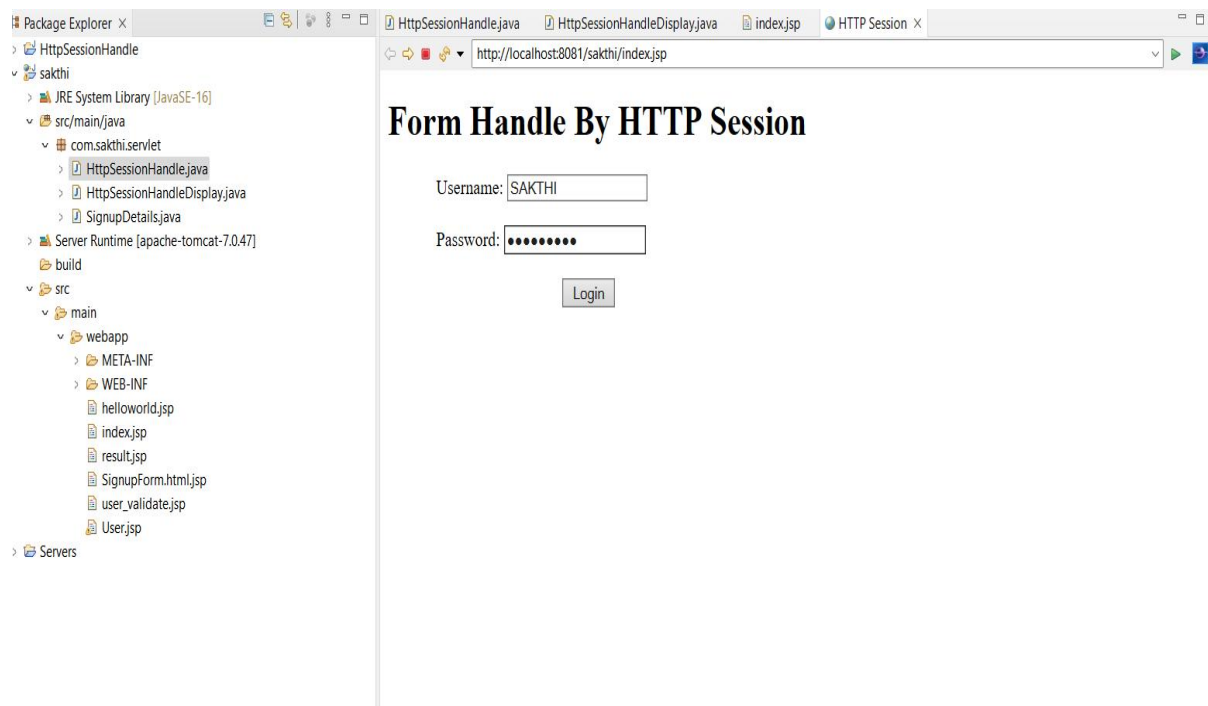
        String user_name =
        (String)session.getAttribute("username");
        p.println("Usermae is " + user_name);
    }
}

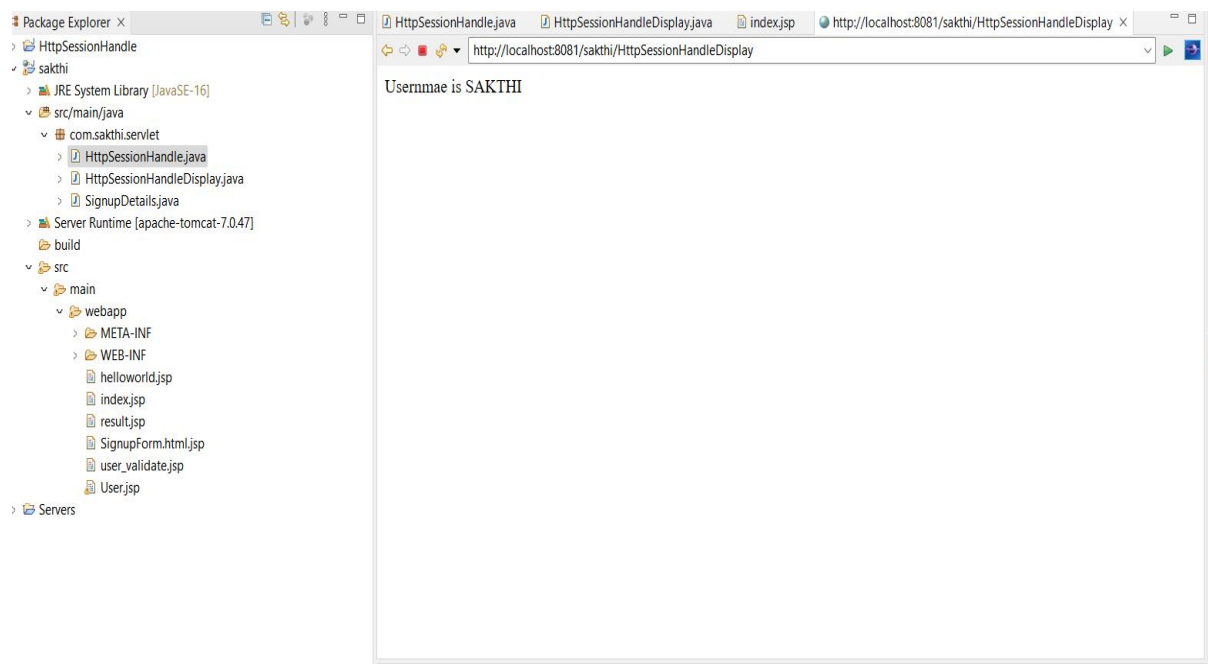
```

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="/ROHIT_191/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