

**Ex.no:6**

**Date:12/4/25**

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

**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:**

**SessionHandle.html**

```
package com.ramya.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)
    */
    protected void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        // TODO Auto-generated method stub
    }
}
```

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```

        */
        protected void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
            // TODO Auto-generated method stub
            response.getWriter().append("Served at:
").append(request.getContextPath());
        }

        /**
         * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
        response)
        */
        protected void doPost(HttpServletRequest request, HttpServletResponse
        response) throws ServletException, IOException {
            String username = "Ramya";
            String password = "Ramya";

            PrintWriter p = response.getWriter();
            String user = request.getParameter("username");
            String pass = request.getParameter("password");

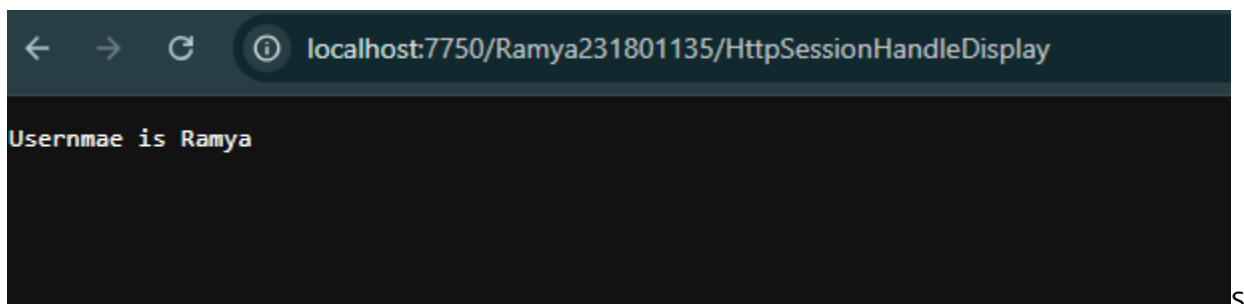
            if(user.equals(username) && pass.equals(password))
            {
                HttpSession s = request.getSession(true);
                s.putValue("username", user);

                response.sendRedirect(request.getContextPath() +
"/HttpSessionHandleDisplay");
            }

            else
            {
                p.println("fail");
            }
        }
    }
}

```

**OUTPUT:**



**SessionHandleDisplay**

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```

package com.ramya.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("User name is " + user_name);
    }

    /**
     * @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);
    }
}

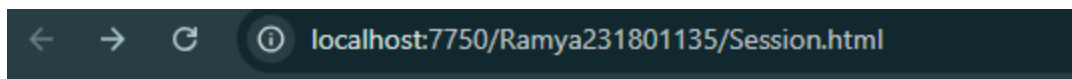
```

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## 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="http://localhost:7750/Ramya231801135/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:



## Form Handle By HTTP Session

Username:

Password:

Result:

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**Thus a Servlet Program to demonstrate session tracking using HTTP Session was implemented Successfully.**