

9. Write a program to demonstrate Session Tracking using an HTTP Session.

FirstServlet.java

```
import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;

public class FirstServlet extends HttpServlet {

    public void doGet(HttpServletRequest request,
        HttpServletResponse response) {
        try{

            response.setContentType("text/html");
            PrintWriter out = response.getWriter();

            String n=request.getParameter("userName");
            out.print("Welcome "+n);

            HttpSession session=request.getSession();
            session.setAttribute("uname",n);

            out.print("<a href='servlet2'>visit</a>");

            out.close();

        }catch(Exception e){System.out.println(e);}
    }
}
```

SecondServlet.java

```
import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;

public class SecondServlet extends HttpServlet {

    public void doGet(HttpServletRequest request,
        HttpServletResponse response) {
        try{

            response.setContentType("text/html");
            PrintWriter out = response.getWriter();
```

```

        HttpSession session=request.getSession(false);
        String n=(String)session.getAttribute("uname");
        out.print("Hello "+n);

        out.close();

        }catch(Exception e){System.out.println(e);}
    }
}

```

index.html

```

<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<h1>HTTP Session</h1>
<form action="FirstServlet">
Name:<input type="text" name="userName"/><br/>
<input type="submit" value="go"/>
</form>

</body>
</html>

```

web.xml

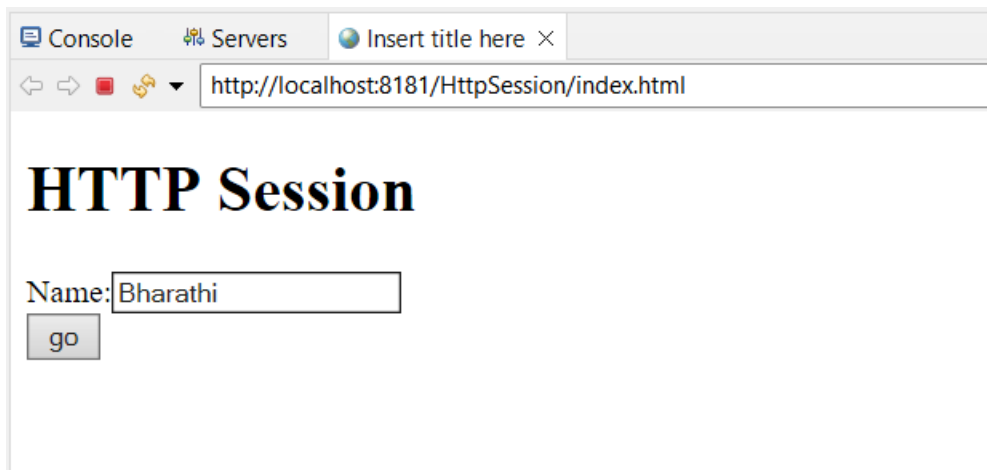
```

<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://java.sun.com/xml/ns/javaee"
xsi:schemaLocation="http://java.sun.com/xml/ns/javaee
http://java.sun.com/xml/ns/javaee/web-app_2_5.xsd"
id="WebApp_ID" version="2.5">
    <display-name>HttpSession</display-name>
    <welcome-file-list>
        <welcome-file>index.html</welcome-file>
        <welcome-file>index.jsp</welcome-file>
        <welcome-file>index.htm</welcome-file>
        <welcome-file>default.html</welcome-file>
    </welcome-file-list>
</web-app>

```

```
<welcome-file>default.jsp</welcome-file>
<welcome-file>default.htm</welcome-file>
</welcome-file-list>
<servlet>
  <description></description>
  <display-name>FirstServlet</display-name>
  <servlet-name>FirstServlet</servlet-name>
  <servlet-class>FirstServlet</servlet-class>
</servlet>
<servlet-mapping>
  <servlet-name>FirstServlet</servlet-name>
  <url-pattern>/FirstServlet</url-pattern>
</servlet-mapping>
<servlet>
  <description></description>
  <display-name>SecondServlet</display-name>
  <servlet-name>SecondServlet</servlet-name>
  <servlet-class>SecondServlet</servlet-class>
</servlet>
<servlet-mapping>
  <servlet-name>SecondServlet</servlet-name>
  <url-pattern>/servlet2</url-pattern>
</servlet-mapping>
</web-app>
```

OUTPUT



Console Servers Insert title here ×

← → ⏏ ⚙ http://localhost:8181/HttpSession/index.html

HTTP Session

Name:

go

