

7. Write a program to demonstrate a Session Tracking using URL Rewrite.

FirstServlet.java

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

public class FirstServlet extends HttpServlet {

    /**
     *
     */
    private static final long serialVersionUID =
1426642947413148526L;

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

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

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

            // appending the username in the query string
            out.println("<a href='servlet2?uname=" + n +
"'">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();

            //getting value from the query string
            String n=request.getParameter("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>
<form action="FirstServlet">
<h1>Url Rewriting </h1>
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>UrlRewritting</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>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

