**Practical 3c)**

**Q.Write a servlet that accepts a username from an html form and stores it as a cookie variable. Write another servlet that returns the value of this cookie variable and displays it.**

**CookiesHtml.html**

<!DOCTYPE html>

<html>

<head>

<title></title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

</head>

<body>

<form action="AddCookieServlet" method="post">

Name : <input type="text" name="userName"><br>

<input type="submit" value="go">

</form>

</body>

</html>

**AddCookieServlet.java**

**import javax.servlet.http.Cookie;**

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class AddCookieServlet extends HttpServlet {

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

try (PrintWriter out = response.getWriter()) {

out.println("<!DOCTYPE html>");

out.println("<html>");

out.println("<head>");

out.println("<title>Servlet AddCookieServlet</title>");

out.println("</head>");

out.println("<body>");

String n=request.getParameter("userName");

out.print("Welcome " + n);

Cookie ck=new Cookie("uname",n);

response.addCookie(ck);

out.print("<form action=GetCookie>");

out.print("<input type='submit' value='go'>");

out.print("</form>");

out.close();

out.println("</body>");

out.println("</html>");

}

catch(Exception e)

{

System.out.print(e);

}

}

}

**GetCookie.java**

**import javax.servlet.http.Cookie;**

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class GetCookie extends HttpServlet {

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

try (PrintWriter out = response.getWriter()) {

out.println("<!DOCTYPE html>");

out.println("<html>");

out.println("<head>");

out.println("<title>Servlet GetCookie</title>");

out.println("</head>");

out.println("<body>");

Cookie ck[]=request.getCookies();

out.print("Hello"+ck[0].getValue());

out.close();

out.println("</body>");

out.println("</html>");

}

catch(Exception e)

{

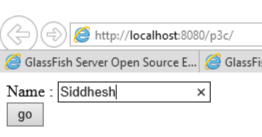
System.out.print(e);

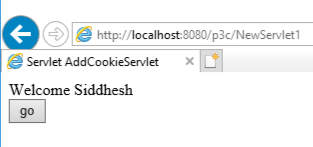
}

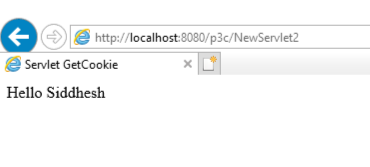
}

}

**Output**

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