HTTP SERVLET:

import java.io.\*;

import javax.servlet.\*;

import javax.servlet.http.\*;

import javax.servlet.annotation.WebServlet;

@WebServlet("/HttpSessionServlet")

public class HttpSessionServlet extends HttpServlet {

public void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

HttpSession session = request.getSession();

String name = request.getParameter("name");

if (name != null && !name.isEmpty()) {

session.setAttribute("uname", name);

out.println("Name stored in HttpSession.<br>");

out.println("<a href='HttpSessionServlet'>Go to Welcome Page</a>");

} else {

String user = (String) session.getAttribute("uname");

out.println("Welcome, " + user);

}

}

public void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

doPost(request, response);

}

}

COOKIE SERVLET:

import java.io.\*;

import javax.servlet.\*;

import javax.servlet.http.\*;

import javax.servlet.annotation.WebServlet;

@WebServlet("/CookieServlet")

public class CookieServlet extends HttpServlet {

public void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

String name = request.getParameter("name");

if (name != null && !name.isEmpty()) {

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

response.addCookie(ck);

out.println("Cookie created.<br>");

out.println("<a href='CookieServlet'>Go to Welcome Page</a>");

} else {

Cookie[] cookies = request.getCookies();

String user = "Guest";

if (cookies != null) {

for (Cookie c : cookies) {

if (c.getName().equals("uname")) {

user = c.getValue();

break;

}

}

}

out.println("Hello, " + user);

}

}

public void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

doPost(request, response);

}

}

HIDDENFORM SERVLET:

import java.io.\*;

import javax.servlet.\*;

import javax.servlet.http.\*;

import javax.servlet.annotation.WebServlet;

@WebServlet("/HiddenFormServlet")

public class HiddenFormServlet extends HttpServlet {

public void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

String name = request.getParameter("name");

String hiddenName = request.getParameter("uname");

if (name != null && !name.isEmpty()) {

out.println("<form action='HiddenFormServlet' method='post'>");

out.println("<input type='hidden' name='uname' value='" + name + "'>");

out.println("<input type='submit' value='Go to Welcome Page'>");

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

} else if (hiddenName != null) {

out.println("Hello, " + hiddenName);

} else {

out.println("No data received!");

}

}

}

URLREWRITE SERVLET:

import java.io.\*;

import javax.servlet.\*;

import javax.servlet.http.\*;

import javax.servlet.annotation.WebServlet;

@WebServlet("/UrlRewriteServlet")

public class UrlRewriteServlet extends HttpServlet {

public void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

String name = request.getParameter("name");

if (name != null && !name.isEmpty()) {

out.println("<a href='UrlRewriteServlet?uname=" + name + "'>Go to Welcome Page</a>");

} else {

String uname = request.getParameter("uname");

out.println("Hello, " + uname);

}

}

public void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

doPost(request, response);

}

}





