1ST PROG

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 HelloWorld extends HttpServlet {

public void doGet(HttpServletRequest request,HttpServletResponse response) throws IOException, ServletException

{

response.setContentType("text/html");

response.setCharacterEncoding("UTF-8");

PrintWriter out= response.getWriter();

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

out.println("<head>");

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

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

out.println("<body bgcolor=\"white\">");

out.println("<h1>"+"Servlet lab in ISE"+"</h1>");

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

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

}

}

<web-app>

<servlet>

<servlet-class>HelloWorldExample</servlet-class>

<servlet-name>GreetingServlet</servlet-name>

</servlet>

<servlet-mapping>

<servlet-name>GreetingServlet</servlet-name>

<url-pattern>/greet</url-pattern>

</servlet-mapping>

</web-app>

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addcookie.java

import javax.servlet.\*;

import javax.servlet.http.\*;

import java.io.\*;

import java.util.\*;

public class addcookie extends HttpServlet{

public void doPost(HttpServletRequest req,HttpServletResponse resp) throws IOException,ServletException{

PrintWriter pw = resp.getWriter();

resp.setContentType("text/html");

String data =(String)req.getParameter("data");

Cookie cookie = new Cookie("myCookie",data);

resp.addCookie(cookie);

pw.println("myCookie has been setb to: ");

pw.println(data);

pw.close();

}

}

getcookie.java

import java.io.\*;

import java.util.\*;

import javax.servlet.http.\*;

import javax.servlet.\*;

public class getcookie extends HttpServlet

{

public void doGet(HttpServletRequest req, HttpServletResponse resp)

throws ServletException,IOException

{

resp.setContentType("text/html");

PrintWriter pw=resp.getWriter();

cookie[] cookies=resp.getCookies();

for(int i=0;i<cookies.length;i++);

{

String name=cookies[i].getName();

String value=cookies[i].getValue();

pw.println("<br>name="+name+"<br>value="+value);

}

}

}

web.xml

<?xml version="1.0"?>

-<web-app>

-<servlet>

<servlet-class>addcookie</servlet-class>

<servlet-name>cookiee</servlet-name>

</servlet>

-<servlet-mapping>

<servlet-name>cookiee</servlet-name>

<url-pattern>/greet</url-pattern>

</servlet-mapping>

</web-app>

cookie.html

<html>

<head>

<title>COOKIES</title>

</head>

<body>

<center>

<h1>FORM</h1>

<form method="POST" action="http://localhost:8080/netra/greet">

<label>Provide values for cookies</label>

<input type ="number" id="data" name="data"><br><br>

<button type ="submit" >Add cookies</button>

</form>

</body>

</html>

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WEB.XML

<?xml version="1.0"?>

-<web-app>

-<servlet>

<servlet-class>MaxNum</servlet-class>

<servlet-name>Max</servlet-name>

</servlet>

-<servlet-mapping>

<servlet-name>Max</servlet-name>

<url-pattern>/max</url-pattern>

</servlet-mapping>

</web-app>

LARGE.HTML

<html>

<head>

<title>LARGEST NUMBER CALCULATOR</title>

</head>

<body>

<center>

<h1>Largest of two numbers</h1>

<form method="POST" action="http://localhost:8080/adarsh/max">

<label>NUM1:</label>

<input type ="number" id="num1" name="num1"><br><br>

<label>NUM2:</label>

<input type ="number" id="num2" name="num2"><br><br>

<button type ="submit" >Find the largest number</button>

</form>

</body>

</html>

MAXNUM.JAVA

import javax.servlet.\*;

import javax.servlet.http.\*;

import java.io.\*;

public class MaxNum extends HttpServlet{

public void doPost(HttpServletRequest req,HttpServletResponse resp) throws IOException,ServletException{

PrintWriter pw = resp.getWriter();

resp.setContentType("text/html");

String n1=req.getParameter("num1");

int x=Integer.parseInt(n1);

String n2=req.getParameter("num2");

int y=Integer.parseInt(n2);

int z;

if(x>y)

{

z = x;

}

else

{

z = y;

}

pw.println("<html>");

pw.println("<head><title>Max Number</title></head>");

pw.println("<body>");

pw.println("The largest among the two numbers is " + z);

pw.close();

}

}

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web.html

<?xml version="1.0"?>

-<web-app>

-<servlet>

<servlet-class>product</servlet-class>

<servlet-name>prod</servlet-name>

</servlet>

-<servlet-mapping>

<servlet-name>prod</servlet-name>

<url-pattern>/prod</url-pattern>

</servlet-mapping>

</web-app>

prod.html

<html>

<body>

<form method="POST" action="http://localhost:8080/sdp/prod">

<label>num1:</label>

<input type ="number" id="num1" name="num1"><br><br>

<label>num2:</label>

<input type ="number" id="num2" name="num2"><br><br>

<button type ="submit" >find the product</button>

</form>

</body>

</html>

product.java

import javax.servlet.\*;

import javax.servlet.http.\*;

import java.io.\*;

public class product extends HttpServlet{

public void doPost(HttpServletRequest req,HttpServletResponse resp) throws IOException,ServletException{

PrintWriter pw = resp.getWriter();

resp.setContentType("text/html");

String n1=req.getParameter("num1");

int x=Integer.parseInt(n1);

String n2=req.getParameter("num2");

int y=Integer.parseInt(n2);

int z=x\*y;

pw.println("<html>");

pw.println("<head><title>Calculator Servlet</title></head>");

pw.println("<body>");

pw.println(x+"\*"+y+"="+z+"<br>");

pw.println("</body></html>");

pw.close();

}

}