package com.training.servlet;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.GenericServlet;

import javax.servlet.ServletException;

import javax.servlet.ServletRequest;

import javax.servlet.ServletResponse;

public class HelloWorld extends GenericServlet {

@Override

public void service(ServletRequest request, ServletResponse response) throws ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

out.println("<html>");

out.println("<body>");

out.println("<h1>Hello World Servlet</h1>");

out.println("<h2>Dhivya</h2>");

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

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

}

}

Web xml insert code

<servlet>

<servlet-name>HelloServlet</servlet-name>

<servlet-class>com.training.servlet.HelloWorld</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>HelloServlet</servlet-name>

<url-pattern>/hello</url-pattern>

</servlet-mapping>

Servlet 2nd program Java code

**package** com.training.servlet;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.GenericServlet;

**import** javax.servlet.ServletException;

**import** javax.servlet.ServletRequest;

**import** javax.servlet.ServletResponse;

**public** **class** calculateServlet **extends** GenericServlet {

@Override

**public** **void** service(ServletRequest request, ServletResponse response) **throws** ServletException, IOException {

PrintWriter out = response.getWriter();

**if**(request.getParameter("number1")!=**null** && request.getParameter("number2")!=**null** && request.getParameter("number3")!=**null**) {

Long num1 = Long.parseLong(request.getParameter("number1"));

Long num2 = Long.parseLong(request.getParameter("number2"));

Long num3 = Long.parseLong(request.getParameter("number3"));

out.println("The addition value is: "+ (num1+num2+num3));

}

**if**(request.getParameter("number1")!=**null** && request.getParameter("number2")!=**null** && request.getParameter("number3")!=**null**) {

Long num1 = Long.parseLong(request.getParameter("number1"));

Long num2 = Long.parseLong(request.getParameter("number2"));

Long num3 = Long.parseLong(request.getParameter("number3"));

out.println("The subtraction value is: "+ (num1-num2-num3));

}

**if**(request.getParameter("number1")!=**null** && request.getParameter("number2")!=**null** && request.getParameter("number3")!=**null**) {

Long num1 = Long.parseLong(request.getParameter("number1"));

Long num2 = Long.parseLong(request.getParameter("number2"));

Long num3 = Long.parseLong(request.getParameter("number3"));

out.println("The multiplication value is: "+ (num1num2num3));

}

**else** {

out.println("Enter the valid input");

}

}

}

web xml code insert

<servlet>

  <servlet-name>CalculateServlet</servlet-name>

  <servlet-**class**>com.training.servlet.calculateServlet</servlet-**class**>

  </servlet>

  <servlet-mapping>

  <servlet-name>CalculateServlet</servlet-name>

  <url-pattern>/calculateServlet</url-pattern>

  </servlet-mapping>

calculate.html code

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Calculate The Number</title>

</head>

<body>

<form action="calculateServlet">

<h1>Enter the value</h1></br>

Number 1:<input type="text" name="number1"></br>

Number 2:<input type="text" name="number2"></br>

Number 3:<input type="text" name="number3"></br>

<input type="submit" name="submit"></br>

</form>

</body>

</html>

Jsp Project 1st program

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Calculate The Number</title>

</head>

<body>

<form action="calculateServlet">

<h1>Enter the value</h1></br>

Number 1:<input type="text" name="number1"></br>

Number 2:<input type="text" name="number2"></br>

Number 3:<input type="text" name="number3"></br>

<input type="submit" name="submit"></br>

</form>

</body>

</html>

Jsp calculate.html code

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Calculate The Number</title>

</head>

<body>

<form action="calculate.jsp">

<h1>Enter the value</h1></br>

Number 1:<input type="text" name="number1"></br>

Number 2:<input type="text" name="number2"></br>

Number 3:<input type="text" name="number3"></br>

<input type="submit" name="submit"></br>

</form>

</body>

</html>



