Experiment No. 10

1)Program

a) HTML File:

<!DOCTYPE html>

<html>

<head>

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

<title>Addition</title>

</head>

<body>

<form action="ServletCalc">

enter first number:<input type="text" name="num1"><br>

enter second number:<input type="text" name="num2"><br>

Select Operation:

<select name="operation">

<option value="add">+</option>

<option value="subtract">-</option>

<option value="multiply">\*</option>

<option value="divide">/</option>

</select><br>

<input type="submit">

</form>

</body>

</html>

B)Servlet:

package ioit;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class ServletCalc extends HttpServlet{

public void service(HttpServletRequest req, HttpServletResponse res) throws IOException {

int i =Integer.parseInt(req.getParameter("num1"));

int j =Integer.parseInt(req.getParameter("num2"));

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

int result = 0;

switch (operation) {

case "add":

result = i + j;

break;

case "subtract":

result = i - j;

break;

case "multiply":

result = i \* j;

break;

case "divide":

result = i / j;

break;

}

int k=i+j;

//res.getWriter().println("result is :"+result);

// Display the result

PrintWriter out =res.getWriter();

out.println("<html>");

out.println("<head><title>Calculator Result</title></head>");

out.println("<body>");

out.println("result is :"+result);

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

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

}

}

Output:



