**EXP 9**

Create a simple calculator application using servlet.

NewFile.html

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"abc"*>

Enter First Number : <input type=*"text"* name=*"num1"*>

Enter Second Number :<input type=*"text"* name=*"num2"*>

<br>

<input type=*"submit"* name=*"calc"* value=*"+"*>ADDITION

<input type=*"submit"* name=*"calc"* value=*"-"*>SUBTRACTION

<input type=*"submit"* name=*"calc"* value=*"\*"*>MULTIPLICATION

<input type=*"submit"* name=*"calc"* value=*"/"*>DIVISION

</form>

</body>

</html>

CalcServlet

import java.io.IOException;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

@WebServlet("/abc")

public class CalcServlet extends HttpServlet {

@Override

protected void doGet(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

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

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

String op=req.getParameter("calc");

if (op.equals("+")) {

resp.getWriter().println(a+b);

}else if (op.equals("-")) {

resp.getWriter().println(a-b);

}else if (op.equals("\*")) {

resp.getWriter().println(a\*b);

}else if (op.equals("/")) {

resp.getWriter().println(a/b);

}

}

}