**Project Structure:**

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**Calculator.html**

<html>

<head>

<title>Calculator Project</title>

</head><br>

<body bgcolor = *" gray"*>

<h1 align=*"center"*>Calculator Project</h1>

<form action=*"calculator"* method=*"get"* name=*"frm"*>

Enter num1:

<input name=*"txt1"* type=*"text"* /><br>

Enter num2:

<input name=*"txt2"* type=*"text"* /><br><br>

Operator

<select name=*"op"*>

<option value=*"Addition"*>Addition</option>

<option value=*"Subtraction"*>Subtraction</option>

<option value=*"multiplication"*>multiplication</option>

<option value=*"division"*>division</option>

</select> <br>

<input type=*"submit"* value=*"submit"* />

</form>

</body>

</html>

**Calculator.java**

package com.servlet.cal;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class Calculator

\*/

@WebServlet("/calculator")

public class Calculator extends HttpServlet {

private static final long serialVersionUID = 1L;

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

PrintWriter out = response.getWriter();

String n1 = request.getParameter("txt1");

String n2 = request.getParameter("txt2");

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

switch (op) {

case "Addition":

out.println("Answer = "+(Integer.parseInt(n1) + Integer.parseInt(n2)));

break;

case "Subtraction":

out.println("Answer = "+(Integer.parseInt(n1) - Integer.parseInt(n2)));

break;

case "multiplication":

out.println("Answer = "+(Integer.parseInt(n1) \* Integer.parseInt(n2)));

break;

default:

out.println("Answer = "+(Integer.parseInt(n1) / Integer.parseInt(n2)));

break;

}

}

}

**Browser URL:**

**http://localhost:8080/calculatorProj/Calculator.html**





