Calculateur(JSP)

Enoncé

Créez deux pages (AcceptInput.html) et (Calculate.jsp).

AcceptInput.html

* Accepte deux valeurs numérique en entrées.
* Choisit un type d’operation à effectuer
* Passe les paramétre à Calculate.jsp

Calculate.jsp

* Effectue le calcul et affiche.

## Solution

Créer un nouveau projet web

AcceptInput.html

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">

<html>

<body>

<h2>Mathematical Functions</h2>

<font size=*4* face=*"Verdana"* color=*#112244*>

<form method=*"post"* action=*"Calculate.jsp"*>

<input type=*"radio"* name=*"r1"* value=*"add"* checked=*"false"*>Addition

<br>

<input type=*"radio"* name=*"r1"* value=*"sub"*

checked=*"false"*>Subtraction

<br>

<input type=*"radio"* name=*"r1"* value=*"div"* checked=*"false"*>Division

<br>

<input type=*"radio"* name=*"r1"* value=*"mul"*

checked=*"false"*>Multiplication

<br>

<br>

Enter two numbers:

<input type=*"text"* name=*"t1"* value=*""*>

<input type=*"text"* name =*"t2"* value=*""*>

<br>

<br>

<input type=*"Submit"* name=*"b1"*>

</form>

</font>

</body>

</html>



Calculate.jsp

<%@page contentType=*"text/html"* pageEncoding=*"UTF-8"*%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"

"http://www.w3.org/TR/html4/loose.dtd">

<%@ page language=*"java"*%>

<%@ page import=*"java.lang.\*"*%>

<html>

<body>

<font size=*4* face=*"Verdana"* color=*#112244*>

<%

/\* Retrieving the value of radio button \*/

String str = request.getParameter("r1");

String str1 = request.getParameter("t1");

String str2 = request.getParameter("t2");

String final\_output = "";

/\* Declaring integer variable for performing calculation \*/

int num1 = 0;

int num2 = 0;

int num3 = 0;

/\* Converting strings values into integer \*/

num1 = Integer.parseInt(str1);

num2 = Integer.parseInt(str2);

/\* Checking which mathematical function is selected by the user \*/

if (str.equals("add")) {

num3 = num1 + num2;

final\_output = "Addition";

}

if (str.equals("sub")) {

num3 = num1 - num2;

final\_output = "Subtraction";

}

if (str.equals("div")) {

num3 = num1 / num2;

final\_output = "Division";

}

if (str.equals("mul")) {

num3 = num2 \* num1;

final\_output = "Multiplication";

}

%>

<%-- Displaying the option selected --%>

The selected mathematical function by you is: <%=final\_output%>

<br>

<%

/\* Displaying the result \*/

Integer in = new Integer(num3);

out.println("The Result is " + in.toString());

%>

</font>

</body>

</html>

