

Please create a functional online calculator:



Solution

```
<html>
<head>
<title>HTML Calculator</title>
CALCULATOR LAYOUT
</head><br>
<body bgcolor= "white" text= "Blue">
<form name="calculator" >
Solution is
<br><input type="textfield" name="ans"
value="" id="output"><br>
<input type="reset" value="Clear">
<input type="button" value="="
onClick="document.calculator.ans.value=eval(do
cument.calculator.ans.value)">
<input type="button" name="opp" value="+/-"
id="opp" onClick="opposite()"/>
<input type="button" value="."
onClick="document.calculator.ans.value+='.'"><br>
<input type="button" value="*"
onClick="document.calculator.ans.value+='*'">
<input type="button" value="/"
onClick="document.calculator.ans.value+='/'">
<input type="button" value="+"
onClick="document.calculator.ans.value+='+'">
<input type="button" value="-"
onClick="document.calculator.ans.value+='-'"><br>
<input type="button" value="1"
onClick="document.calculator.ans.value+='1'">
<input type="button" value="2"
onClick="document.calculator.ans.value+='2'">
<input type="button" value="3"
onClick="document.calculator.ans.value+='3'">
<input type="button" value="4"
```

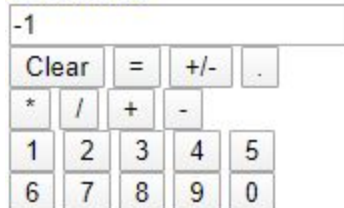
<https://www.w3schools.com/code/tryit.asp?filename=GF8I6G2LGN6G>

Use cases for +/- operation:

=====

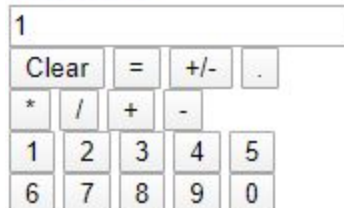
Toggling of +/- clicked

CALCULATOR LAYOUT
Solution is



Again +/- clicked

CALCULATOR LAYOUT
Solution is



```

onClick="document.calculator.ans.value+='+4'">
<input type="button" value="5"
onClick="document.calculator.ans.value+='+5'"><
br>
<input type="button" value="6"
onClick="document.calculator.ans.value+='+6'">
<input type="button" value="7"
onClick="document.calculator.ans.value+='+7'">
<input type="button" value="8"
onClick="document.calculator.ans.value+='+8'">
<input type="button" value="9"
onClick="document.calculator.ans.value+='+9'">
<input type="button" value="0"
onClick="document.calculator.ans.value+='+0'">
</form>
<script>
function opposite(){
  var b = document.getElementById("output");
  var n = b.value;
  var patt =
/([\d\+\-\*\.\.]*\d)([\+\-\*\.\.])([\-]{0,1}[\d]+)/;
  if (patt.test(n))
  {
    var res = n.match(patt);
    var result = ""
    b.value = result.concat(res[1],
res[2], res[3] * -1);
  }
  else {
    b.value = n*-1
  }
}
</script>
</body>
</html>

```

$$-1 + 4 = 3$$

CALCULATOR LAYOUT

Solution is

-1+4									
Clear	=	+/-	.						
*	/	+	-						
1	2	3	4	5					
6	7	8	9	0					

CALCULATOR LAYOUT

Solution is

3									
Clear	=	+/-	.						
*	/	+	-						
1	2	3	4	5					
6	7	8	9	0					

$$1 + -3 = -2$$

CALCULATOR LAYOUT

Solution is

1+-3									
Clear	=	+/-	.						
*	/	+	-						
1	2	3	4	5					
6	7	8	9	0					

CALCULATOR LAYOUT

Solution is

-2									
Clear	=	+/-	.						
*	/	+	-						
1	2	3	4	5					
6	7	8	9	0					

$$1111+2222+-1111 = 2222$$

CALCULATOR LAYOUT

Solution is

1111+2222+-1111									
Clear	=	+/-	.						
*	/	+	-						
1	2	3	4	5					
6	7	8	9	0					

CALCULATOR LAYOUT

Solution is

2222									
Clear	=	+/-	.						
*	/	+	-						
1	2	3	4	5					
6	7	8	9	0					