

CALCULATOR\script.js

```
1  let equalPressed = 0;
2  let buttonInput = document.querySelectorAll(".button");
3  let input = document.getElementById("input");
4  let equal = document.getElementById("equal");
5  let clear = document.getElementById("clear");
6  let erase = document.getElementById("erase");
7
8  window.onload = () => {
9    input.value = "";
10 };
11
12 buttonInput.forEach((buttonClass) => {
13   buttonClass.addEventListener("click", () => {
14     if (equalPressed === 1) {
15       equalPressed = 0;
16     }
17     input.value += buttonClass.value;
18   });
19 });
20
21 equal.addEventListener("click", () => {
22   equalPressed = 1;
23   let inputValue = input.value;
24   try {
25     let solution = eval(inputValue);
26     if (Number.isNaN(solution) || !Number.isFinite(solution)) {
27       throw new Error("Invalid mathematical expression");
28     }
29     if (Number.isInteger(solution)) {
30       input.value = solution;
31     } else {
32       input.value = solution.toFixed(2);
33     }
34   } catch (error) {
35     alert(error.message);
36   }
37 });
38 equal.addEventListener("click", () => {
39   equalPressed = 1;
40   let inputValue = input.value;
41   console.log(inputValue, "hvyutfv");
42   try {
43     let solution = eval(inputValue);
44     if (Number.isNaN(solution) || !Number.isFinite(solution)) {
45       throw new Error("Invalid mathematical expression");
46     }
47     if (Number.isInteger(solution)) {
48       input.value = solution;
49     } else {
50       input.value = solution.toFixed(2);
51     }
52   } catch (error) {
53     alert(error.message);
```

```
54     }  
55   });  
56  
57   clear.addEventListener("click", () => {  
58     input.value = "";  
59   });  
60  
61   erase.addEventListener("click", () => {  
62     input.value = input.value.substr(0, input.value.length - 1);  
63   });  
64
```