```javascript
1   let display = document.getElementById("display");
2   let currentValue = "";
3   let memory = "";
4   let operator = "";
5
6   function addValue(button)
7   {
8     if (button.value === "C")
9     {
10      currentValue = "";
11      memory = "";
12      operator = "";
13
14    }
15
16    else if (button.value === "+" || button.value === "-" || button.value === "*" || button.value === "/")
17    {
18      memory = currentValue;
19      currentValue = "";
20      operator = button.value;
21    }
22    else
23    {
24      currentValue += button.value;
25    }
26    display.value = currentValue;
27  }
28  display.value = currentValue;
29
30  function calculate()
31  {
32    if (operator === "+")
33    {
34      currentValue = parseFloat(memory) + parseFloat(currentValue);
35    }
36    else if (operator === "-")
37    {
38      currentValue = parseFloat(memory) - parseFloat(currentValue);
39    }
40    else if (operator === "*")
41    {
42      currentValue = parseFloat(memory) * parseFloat(currentValue);
43    }
44    else
45    {
46      currentValue = parseFloat(memory) / parseFloat(currentValue);
47    }
48    display.value = currentValue;
49  }
50
51
52
```