

Folder EAD3

3 printable files

(file list disabled)

EAD3\index.html

```
1
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5     <meta charset="UTF-8">
6     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7     <title>Simple Calculator</title>
8     <link rel="stylesheet" href="./styles.css">
9     <script src="./script.js" defer></script>
10
11 </head>
12 <body>
13     <div class="calculator">
14         <input type="text" class="display" id="display" disabled>
15         <div class="buttons">
16             <button class="button" onclick="appendNumber('7')">7</button>
17             <button class="button" onclick="appendNumber('8')">8</button>
18             <button class="button" onclick="appendNumber('9')">9</button>
19             <button class="button operator" onclick="appendOperator('/')">/</button>
20             <button class="button" onclick="appendNumber('4')">4</button>
21             <button class="button" onclick="appendNumber('5')">5</button>
22             <button class="button" onclick="appendNumber('6')">6</button>
23             <button class="button operator" onclick="appendOperator('*')">*</button>
24             <button class="button" onclick="appendNumber('1')">1</button>
25             <button class="button" onclick="appendNumber('2')">2</button>
26             <button class="button" onclick="appendNumber('3')">3</button>
27             <button class="button operator" onclick="appendOperator('-')">-</button>
28             <button class="button" onclick="appendNumber('0')">0</button>
29             <button class="button" onclick="clearDisplay()">C</button>
30             <button class="button" onclick="calculateResult()">=</button>
31             <button class="button operator" onclick="appendOperator('+')">+</button>
32         </div>
33     </div>
34
35
36 </body>
37 </html>
38
```

EAD3\script.js

```
1 const display = document.getElementById('display');
2
3 function appendNumber(number) {
4     display.value += number;
5 }
```

```

6
7 function appendOperator(operator) {
8     if (display.value !== '') {
9         display.value += operator;
10    }
11 }
12
13 function clearDisplay() {
14     display.value = '';
15 }
16
17 function calculateResult() {
18     try {
19         display.value = eval(display.value);
20     } catch (error) {
21         display.value = 'Error';
22     }
23 }





```

EAD3\styles.css

```

1 body {
2     font-family: Arial, sans-serif;
3     display: flex;
4     justify-content: center;
5     align-items: center;
6     height: 100vh;
7     margin: 0;
8 }
9 .calculator {
10     width: 300px;
11     padding: 20px;
12     border: 2px solid #ccc;
13     border-radius: 8px;
14     box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
15 }
16 .display {
17     width: 90%;
18     height: 50px;
19     text-align: right;
20     padding: 10px;
21     font-size: 1.5em;
22     margin-bottom: 10px;
23     border: 1px solid #ccc;
24     border-radius: 5px;
25 }
26 }
27 .buttons {
28     display: grid;
29     grid-template-columns: repeat(4, 1fr);
30     gap: 10px;
31 }
32 .button {
33     padding: 20px;

```

```
34     font-size: 1.5em;
35     background-color:  #f0f0f0;
36     border: none;
37     border-radius: 5px;
38     cursor: pointer;
39     transition: background-color 0.3s;
40 }
41 .button:hover {
42     background-color:  #ddd;
43 }
44 .button.operator {
45     background-color:  #f9c74f;
46 }
47 .button.operator:hover {
48     background-color:  #f4b544;
49 }
```