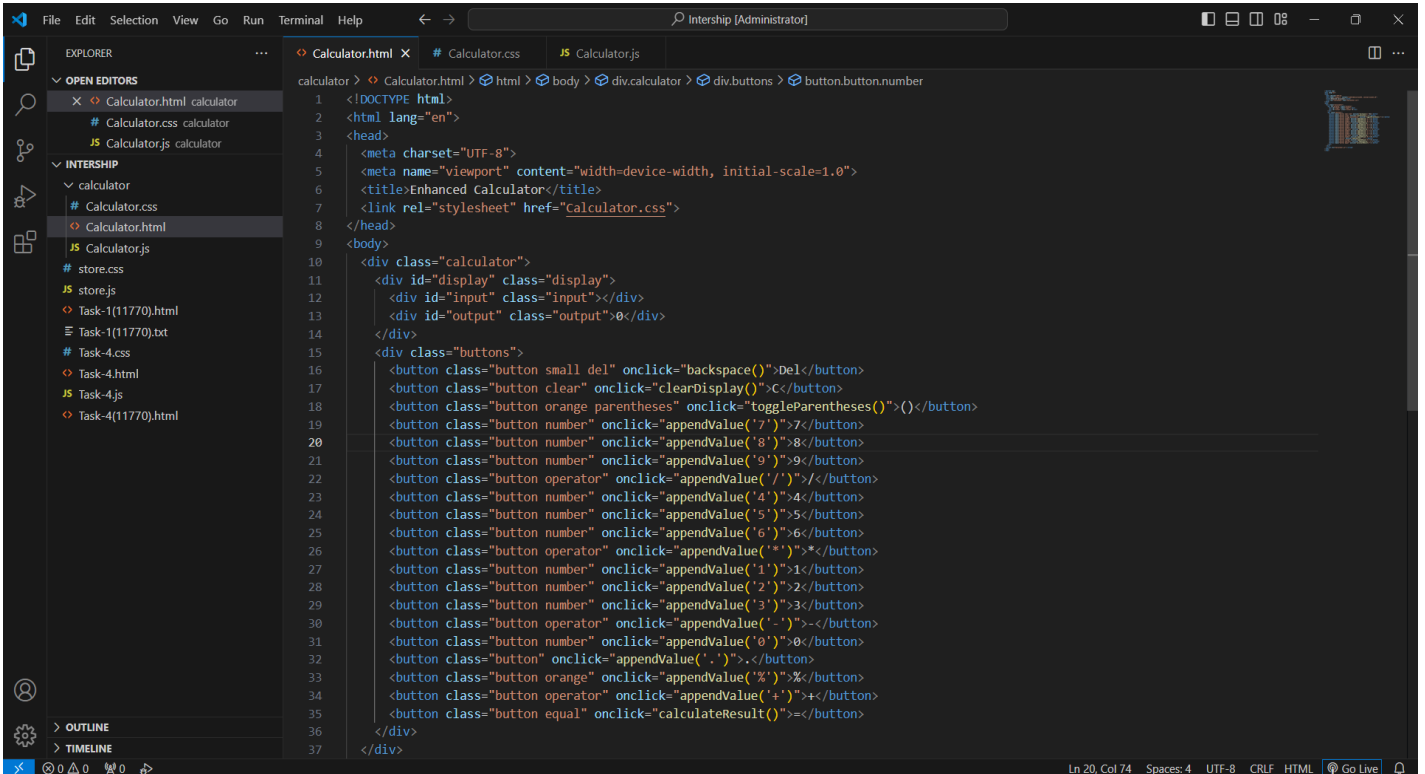
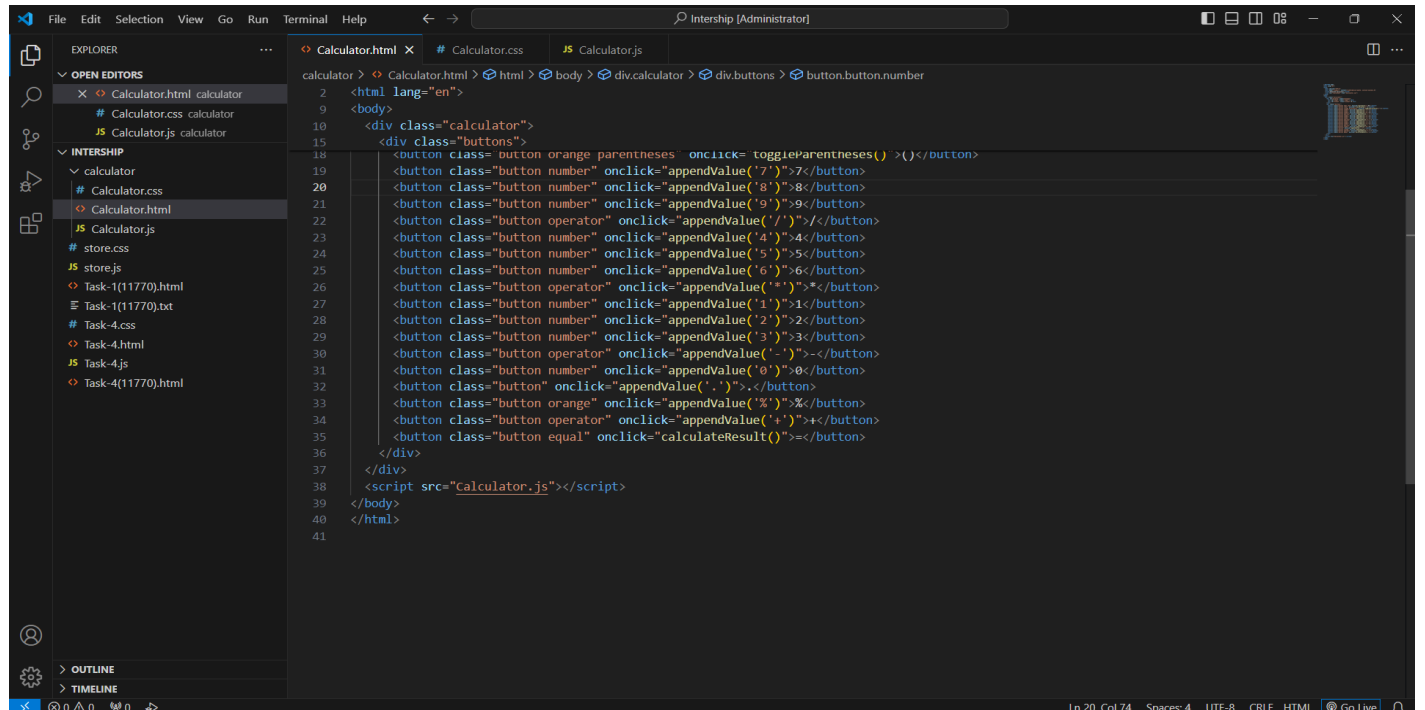


Task-5

.html

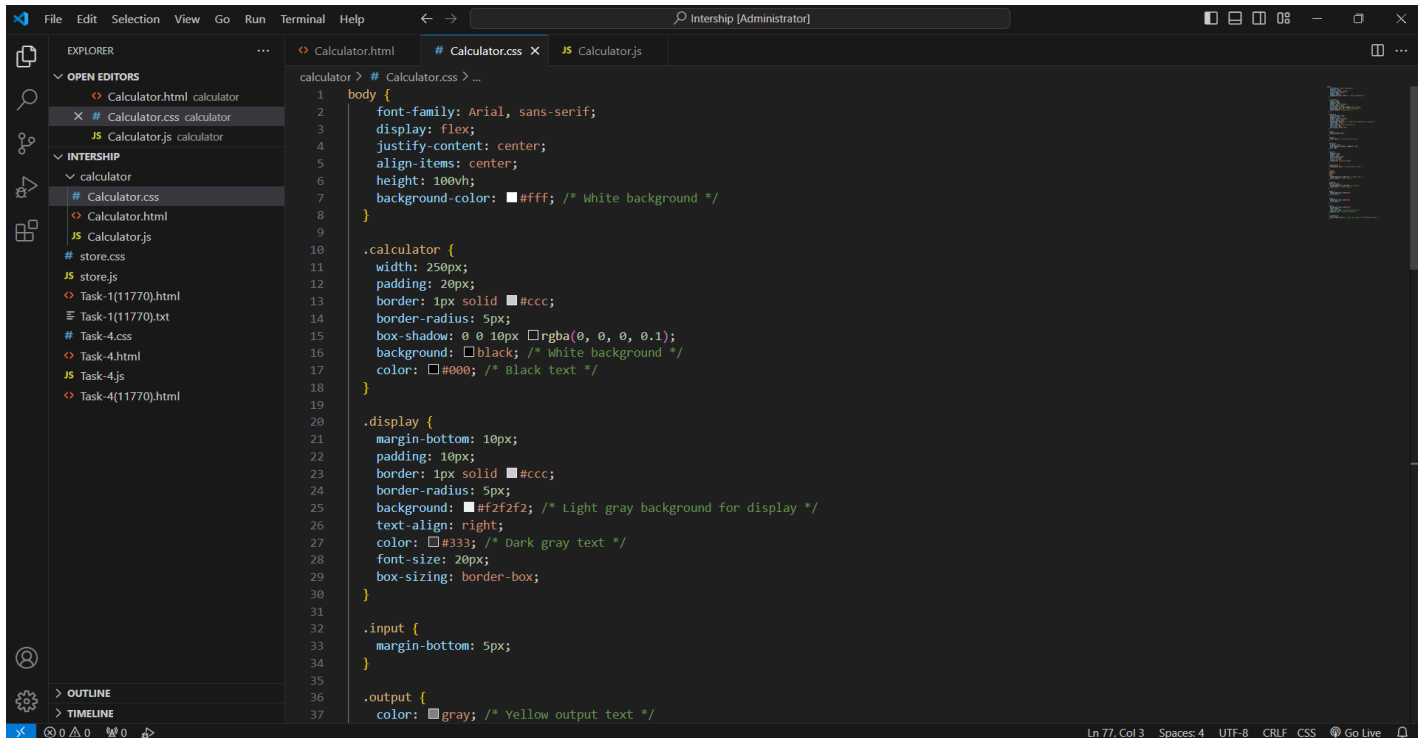


```
calculator > Calculator.html > html > body > div.calculator > div.buttons > button.button.number
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="UTF-8">
5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6    <title>Enhanced Calculator</title>
7    <link rel="stylesheet" href="Calculator.css">
8  </head>
9  <body>
10   <div class="calculator">
11     <div id="display" class="display">
12       <div id="input" class="input"></div>
13       <div id="output" class="output"></div>
14     </div>
15     <div class="buttons">
16       <button class="button small del" onclick="backspace()">Del</button>
17       <button class="button clear" onclick="clearDisplay()"></button>
18       <button class="button orange parentheses" onclick="toggleParentheses()">(</button>
19       <button class="button number" onclick="appendValue('7')>7</button>
20       <button class="button number" onclick="appendValue('8')>8</button>
21       <button class="button number" onclick="appendValue('9')>9</button>
22       <button class="button operator" onclick="appendValue('/')>/</button>
23       <button class="button number" onclick="appendValue('4')>4</button>
24       <button class="button number" onclick="appendValue('5')>5</button>
25       <button class="button number" onclick="appendValue('6')>6</button>
26       <button class="button operator" onclick="appendValue('*')>*</button>
27       <button class="button number" onclick="appendValue('1')>1</button>
28       <button class="button number" onclick="appendValue('2')>2</button>
29       <button class="button number" onclick="appendValue('3')>3</button>
30       <button class="button operator" onclick="appendValue('.')>.</button>
31       <button class="button number" onclick="appendValue('0')>0</button>
32       <button class="button" onclick="appendValue('.')>.</button>
33       <button class="button orange" onclick="appendValue('%')>%</button>
34       <button class="button operator" onclick="appendValue('+')>+</button>
35       <button class="button equal" onclick="calculateResult()">=</button>
36     </div>
37   </div>
```



```
calculator > Calculator.html > html > body > div.calculator > div.buttons > button.button.number
2  <html lang="en">
9  <body>
10   <div class="calculator">
15     <div class="buttons">
18       <button class="button orange parentheses" onclick="toggleParentheses()">(</button>
19       <button class="button number" onclick="appendValue('7')>7</button>
20       <button class="button number" onclick="appendValue('8')>8</button>
21       <button class="button number" onclick="appendValue('9')>9</button>
22       <button class="button operator" onclick="appendValue('/')>/</button>
23       <button class="button number" onclick="appendValue('4')>4</button>
24       <button class="button number" onclick="appendValue('5')>5</button>
25       <button class="button number" onclick="appendValue('6')>6</button>
26       <button class="button operator" onclick="appendValue('*')>*</button>
27       <button class="button number" onclick="appendValue('1')>1</button>
28       <button class="button number" onclick="appendValue('2')>2</button>
29       <button class="button number" onclick="appendValue('3')>3</button>
30       <button class="button operator" onclick="appendValue('.')>.</button>
31       <button class="button number" onclick="appendValue('0')>0</button>
32       <button class="button" onclick="appendValue('.')>.</button>
33       <button class="button orange" onclick="appendValue('%')>%</button>
34       <button class="button operator" onclick="appendValue('+')>+</button>
35       <button class="button equal" onclick="calculateResult()">=</button>
36     </div>
37   </div>
38   <script src="calculator.js"></script>
39 </body>
40 </html>
41
```

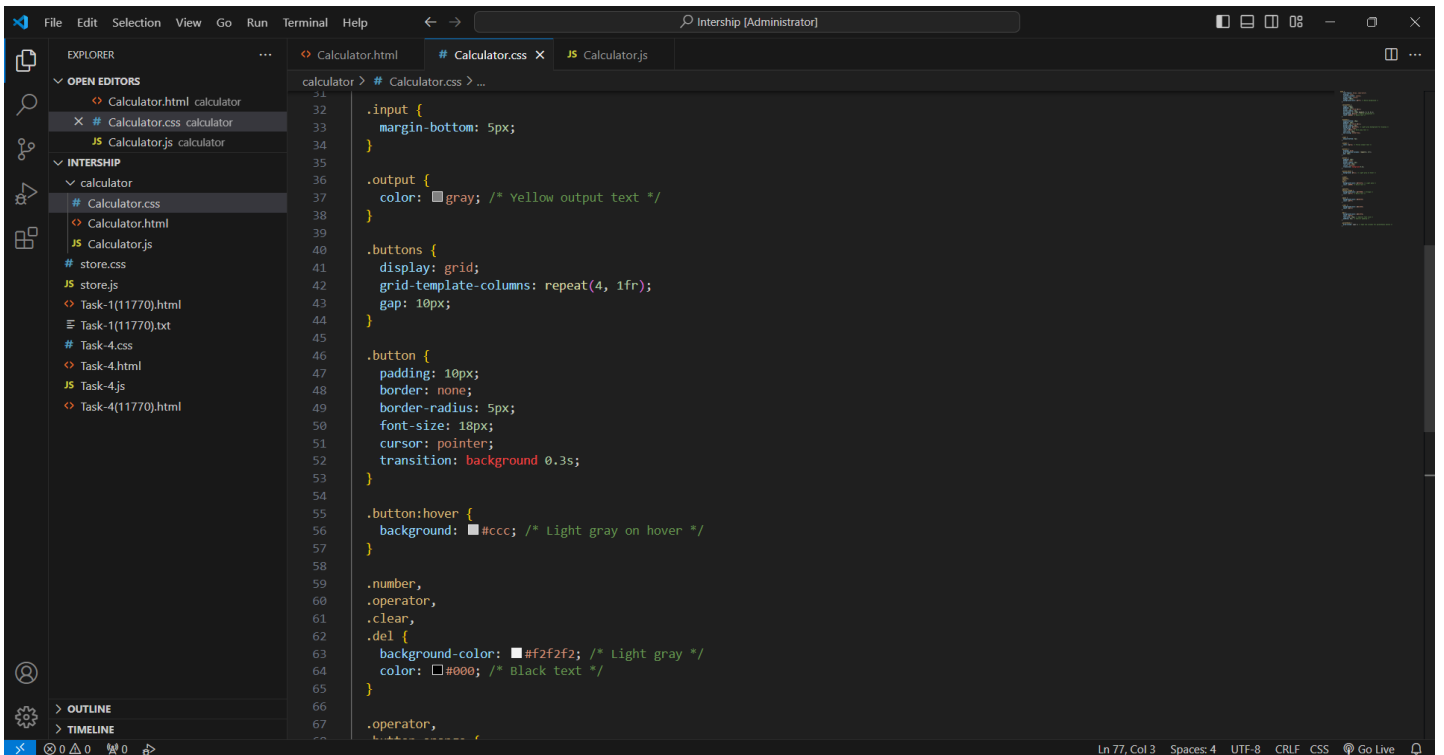
.CSS



A screenshot of the Visual Studio Code editor interface. The Explorer panel on the left shows a project structure with folders 'OPEN EDITORS' and 'INTERSHIP'. The 'INTERSHIP' folder contains a 'calculator' subfolder with files 'Calculator.html', 'Calculator.css', and 'Calculator.js'. The 'Calculator.css' file is open in the editor, showing the following CSS code:

```
calculator > # Calculator.css > ...
1 body {
2   font-family: Arial, sans-serif;
3   display: flex;
4   justify-content: center;
5   align-items: center;
6   height: 100vh;
7   background-color: #fff; /* White background */
8 }
9
10 .calculator {
11   width: 250px;
12   padding: 20px;
13   border: 1px solid #ccc;
14   border-radius: 5px;
15   box-shadow: 0 0 10px #000;
16   background: black; /* White background */
17   color: #000; /* Black text */
18 }
19
20 .display {
21   margin-bottom: 10px;
22   padding: 10px;
23   border: 1px solid #ccc;
24   border-radius: 5px;
25   background: #f2f2f2; /* Light gray background for display */
26   text-align: right;
27   color: #333; /* Dark gray text */
28   font-size: 20px;
29   box-sizing: border-box;
30 }
31
32 .input {
33   margin-bottom: 5px;
34 }
35
36 .output {
37   color: gray; /* Yellow output text */
```

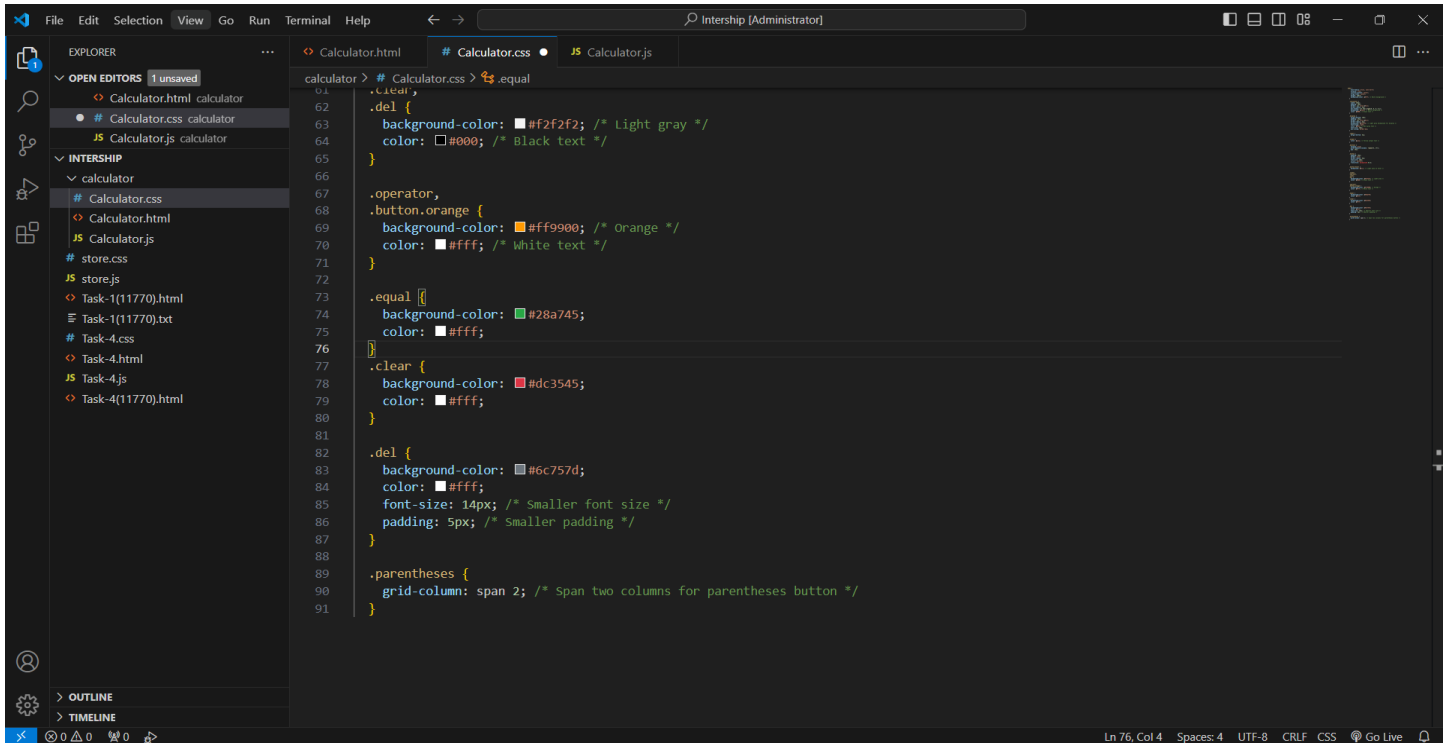
The status bar at the bottom indicates 'Ln 77, Col 3', 'Spaces: 4', 'UTF-8', 'CRLF', 'CSS', and 'Go Live'.



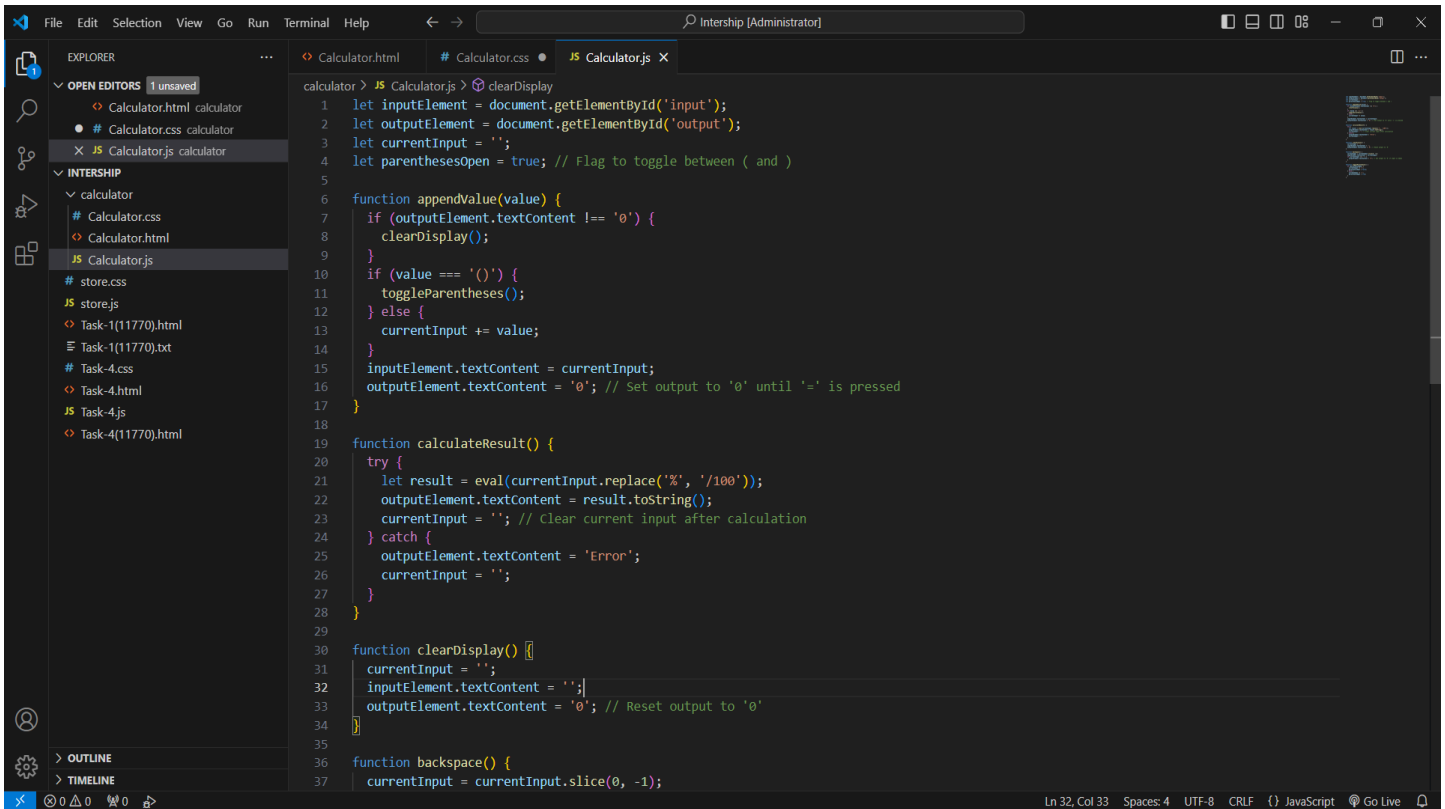
A screenshot of the Visual Studio Code editor interface, showing the same project structure as the first image. The 'Calculator.css' file is open in the editor, showing the following CSS code:

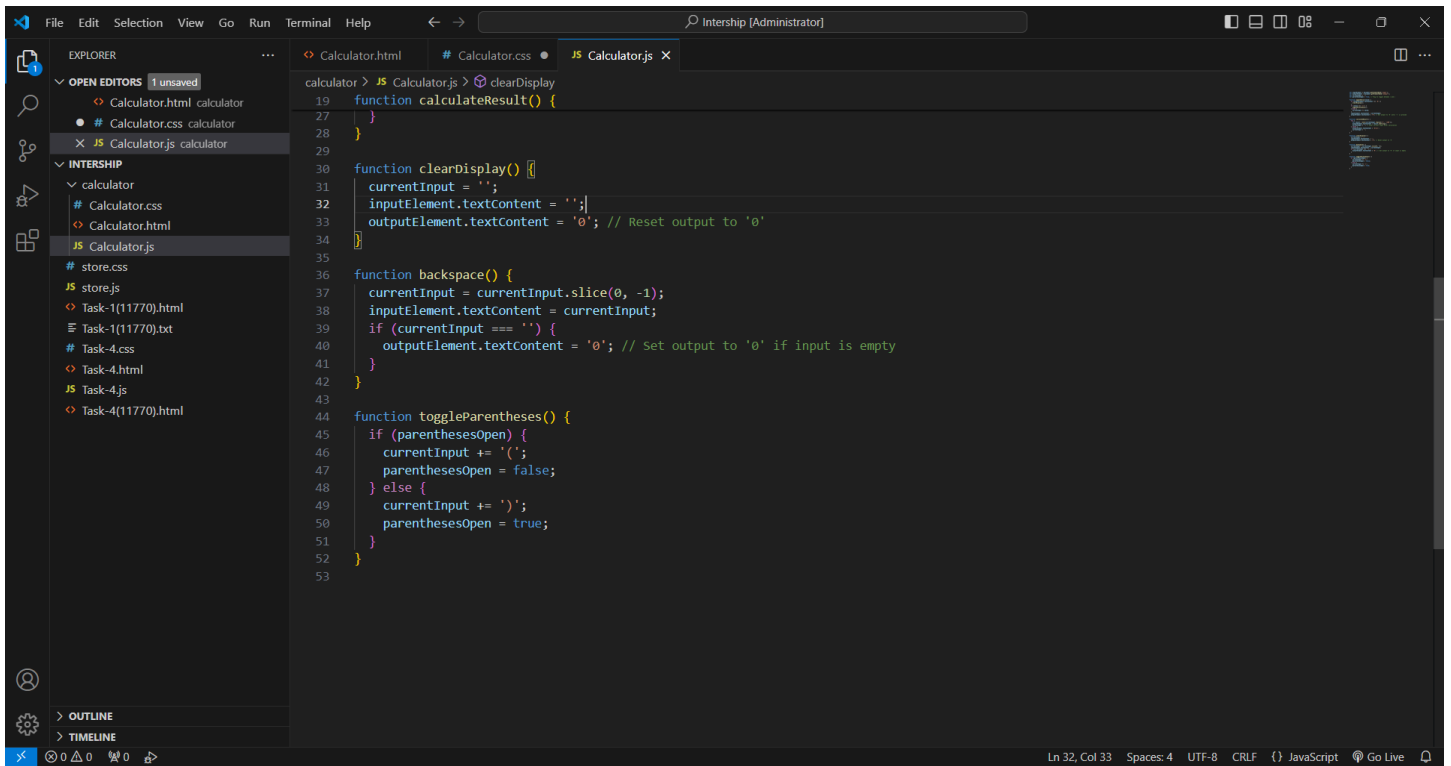
```
calculator > # Calculator.css > ...
31
32 .input {
33   margin-bottom: 5px;
34 }
35
36 .output {
37   color: gray; /* Yellow output text */
38 }
39
40 .buttons {
41   display: grid;
42   grid-template-columns: repeat(4, 1fr);
43   gap: 10px;
44 }
45
46 .button {
47   padding: 10px;
48   border: none;
49   border-radius: 5px;
50   font-size: 18px;
51   cursor: pointer;
52   transition: background 0.3s;
53 }
54
55 .button:hover {
56   background: #ccc; /* Light gray on hover */
57 }
58
59 .number,
60 .operator,
61 .clear,
62 .del {
63   background-color: #f2f2f2; /* Light gray */
64   color: #000; /* Black text */
65 }
66
67 .operator,
```

The status bar at the bottom indicates 'Ln 77, Col 3', 'Spaces: 4', 'UTF-8', 'CRLF', 'CSS', and 'Go Live'.



.js





The screenshot shows the Visual Studio Code editor with a project named 'calculator'. The Explorer sidebar on the left shows the file structure: 'calculator' folder containing 'Calculator.html', 'Calculator.css', and 'JS Calculator.js'. The 'JS Calculator.js' file is open in the editor, showing the following JavaScript code:

```
calculator > JS Calculator.js > clearDisplay
19 function calculateResult() {
27 }
28 }
29
30 function clearDisplay() {
31   currentInput = '';
32   inputElement.textContent = '';
33   outputElement.textContent = '0'; // Reset output to '0'
34 }
35
36 function backspace() {
37   currentInput = currentInput.slice(0, -1);
38   inputElement.textContent = currentInput;
39   if (currentInput === '') {
40     outputElement.textContent = '0'; // Set output to '0' if input is empty
41   }
42 }
43
44 function toggleParentheses() {
45   if (parenthesesOpen) {
46     currentInput += '(';
47     parenthesesOpen = false;
48   } else {
49     currentInput += ')';
50     parenthesesOpen = true;
51   }
52 }
53 }
```

The status bar at the bottom indicates the cursor is at line 32, column 33, with 4 spaces, UTF-8 encoding, CRLF line endings, and the file is a JavaScript file.

Output

