

The screenshot shows the Microsoft Visual Studio Code interface with the following details:

- File Explorer:** Shows files: index.html, script.js, and style.css.
- Editor:** Displays the content of index.html, which defines a calculator application structure with a display input and a grid of buttons for numbers and operations.
- Bottom Status Bar:** Shows "Ln 8, Col 8" and "Spaces: 2" and "UTF-8".
- Bottom Taskbar:** Includes icons for various applications like File Explorer, Task Manager, and browser tabs.
- System Tray:** Shows weather (28°C, Mostly cloudy), date (04-12-2025), and time (15:07).

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Calculator App</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <div class="calculator">
        <input type="text" id="display" readonly>

        <div class="buttons">
            <button class="btn" onclick="clearDisplay()></button>
            <button class="btn" onclick="deleteChar()>DEL</button>
            <button class="btn" onclick="append('%')>%</button>
            <button class="btn" onclick="append('/')>÷</button>

            <button class="btn" onclick="append('7')>7</button>
            <button class="btn" onclick="append('8')>8</button>
            <button class="btn" onclick="append('9')>9</button>
            <button class="btn" onclick="append('*')>*</button>

            <button class="btn" onclick="append('4')>4</button>
            <button class="btn" onclick="append('5')>5</button>
            <button class="btn" onclick="append('6')>6</button>
            <button class="btn" onclick="append('-')>-</button>

            <button class="btn" onclick="append('1')>1</button>
            <button class="btn" onclick="append('2')>2</button>
            <button class="btn" onclick="append('3')>3</button>
            <button class="btn" onclick="append('+')>+</button>

            <button class="btn zero" onclick="append('0')>0</button>
            <button class="btn" onclick="append('.')>.;</button>
            <button class="btn equal" onclick="calculate()>=</button>
        </div>
    </div>

```

```
<File Edit Selection View Go Run Terminal Help <- > calculator & 08 0 0 0 ...>
EXPLORER ... index.html < JS script.js
CALCULATOR index.html < HTML > head
<html lang="en">
  <body>
    <div class="calculator">
      <div class="buttons">
        <button class="btn" onclick="append('1')">1</button>
        <button class="btn" onclick="append('2')">2</button>
        <button class="btn" onclick="append('3')">3</button>
        <button class="btn" onclick="append('4')">4</button>
        <button class="btn" onclick="append('5')">5</button>
        <button class="btn" onclick="append('6')">6</button>
        <button class="btn" onclick="append('-')">-</button>
        <button class="btn" onclick="append('0')">0</button>
        <button class="btn" onclick="append('.')">.</button>
        <button class="btn equal" onclick="calculate()">>=</button>
      </div>
    </div>
    <script src="script.js"></script>
  </body>
</html>
```

OUTLINE > TIMELINE

28°C Mostly cloudy

Search

Spaces: 2 UTF-8 CRLF HTML

15:08 04-12-2025

A screenshot of a Microsoft Windows operating system desktop. In the foreground, a code editor window is open, showing CSS code for a calculator application. The file being edited is 'style.css'. The code defines styles for the body, .calculator, #display, .buttons, and .btn classes. The background of the body is a linear gradient from #6280ea to #9c27b0. The calculator container has a white background, rounded corners, and a box shadow. The display area has a width of 60px, height of 60px, and a font size of 22px. The buttons grid has 4 columns and 1 row, with a gap of 10px between buttons. Buttons have a background color of #e0e0e0. The taskbar at the bottom shows various pinned icons, including a weather widget displaying '28°C Mostly cloudy', a search bar, and icons for File Explorer, Edge browser, File Explorer, Task View, and others.

```
# style.css > body
1 body {
2     background: linear-gradient(135deg, #6280ea, #9c27b0);
3     height: 100vh;
4     display: flex;
5     justify-content: center;
6     align-items: center;
7     font-family: 'Poppins', sans-serif;
8 }
9
10 .calculator {
11     background: #fff;
12     padding: 20px;
13     border-radius: 15px;
14     box-shadow: 0 8px 16px rgba(0,0,0,0.2);
15     width: 280px;
16 }
17
18 #display {
19     width: 100%;
20     height: 60px;
21     font-size: 22px;
22     text-align: right;
23     padding: 10px;
24     border: none;
25     border-radius: 10px;
26     background: #f2f2f2;
27     margin-bottom: 15px;
28 }
29
30 .buttons {
31     display: grid;
32     grid-template-columns: repeat(4, 1fr);
33     gap: 10px;
34 }
35
36 .btn {
37     background: #e0e0e0;
```

```
# style.css > body
30 .buttons {
31 }
32 .btn {
33     background: #e0e0e0;
34     border: none;
35     padding: 15px;
36     font-size: 18px;
37     border-radius: 10px;
38     cursor: pointer;
39     transition: 0.2s;
40 }
41 .btn:hover {
42     background: #d1c4e9;
43 }
44 .equal {
45     background: #6200ea;
46     color: white;
47     grid-column: span 2;
48 }
49 .zero {
50     grid-column: span 2;
51 }
```

The screenshot shows a Microsoft Edge browser window with a dark theme. The address bar at the top contains the text "calculator". The main content area displays a calculator application. On the left side of the screen, there is a vertical sidebar with several icons: a file folder, a search icon, a refresh icon, a gear icon, a user profile icon, and a settings gear icon. Below these are two sections: "OUTLINE" and "TIMELINE", each preceded by a small icon. At the bottom of the sidebar, there are icons for "File", "Edit", "Selection", "View", "Go", "Run", "Terminal", and "Help". The main content area has a title bar "index.html JS script.js" and a toolbar with icons for back, forward, search, and refresh. The "script.js" tab is currently selected. The code in "script.js" is as follows:

```
1 let display = document.getElementById('display');
2
3 function append(value) {
4     display.value += value;
5 }
6
7 function clearDisplay() {
8     display.value = '';
9 }
10
11 function deleteChar() {
12     display.value = display.value.slice(0, -1);
13 }
14
15 function calculate() {
16     try {
17         display.value = eval(display.value);
18     } catch (error) {
19         display.value = 'Error';
20     }
21 }
```

The browser's status bar at the bottom shows "Ln 1, Col 1 Spaces: 2 UTF-8 CRLF () JavaScript" and the date "04-12-2025". The bottom right corner of the screen shows the system tray with icons for battery, signal strength, and volume.



