HTML (Calculator UI Layout)

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<script src="script.js"></script>

<meta name="viewport" content="width=device-width, initial-scale=1.0"/>

<title>Mini Calculator</title>

<script src="script.js"></script>

<link rel="stylesheet" href="style.css" />

</head>

<body>

<div class="calculator">

<input type="text" id="display" disabled />

<div class="buttons">

<button onclick="clearDisplay()">C</button>

<button onclick="appendValue('/')">÷</button>

<button onclick="appendValue('\*')">×</button>

<button onclick="appendValue('-')">−</button>

<button onclick="appendValue('7')">7</button>

<button onclick="appendValue('8')">8</button>

<button onclick="appendValue('9')">9</button>

<button onclick="appendValue('+')">+</button>

<button onclick="appendValue('4')">4</button>

<button onclick="appendValue('5')">5</button>

<button onclick="appendValue('6')">6</button>

<button onclick="calculateResult()" class="equal">=</button>

<button onclick="appendValue('1')">1</button>

<button onclick="appendValue('2')">2</button>

<button onclick="appendValue('3')">3</button>

<button onclick="appendValue('0')" class="zero">0</button>

<button onclick="appendValue('.')">.</button>

</div>

</div>

</body>

</html>

CSS (Styling the Calculator

body {

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

background: #f3f3f3;

font-family: 'Segoe UI', sans-serif;

margin: 0;

}

.calculator {

background: #222;

padding: 20px;

border-radius: 10px;

box-shadow: 0 0 20px #00000088;

width: 300px;

}

#display {

width: 100%;

height: 60px;

font-size: 24px;

text-align: right;

margin-bottom: 15px;

padding: 10px;

border: none;

border-radius: 5px;

background: #eee;

}

.buttons {

display: grid;

grid-template-columns: repeat(4, 1fr);

gap: 10px;

}

button {

padding: 20px;

font-size: 18px;

border: none;

border-radius: 5px;

cursor: pointer;

background: #444;

color: white;

transition: 0.2s;

}

button:hover {

background: #555;

}

.equal {

background: #0a84ff;

color: #fff;

grid-row: span 2;

}

.zero {

grid-column: span 2;

}

JavaScript (Functionality)

let display = document.getElementById('display');

function appendValue(value) {

display.value += value;

}

function clearDisplay() {

display.value = '';

}

function calculateResult() {

try {

display.value = eval(display.value);

} catch (error) {

display.value = 'Error';

}

}