<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Calculator</title>

<style>

body {

font-family: 'Arial', sans-serif;

text-align: center;

margin: 50px;

background-color: #282c34;

color: white;

}

#calculator {

max-width: 300px;

margin: auto;

border: 2px solid #61dafb;

border-radius: 5px;

padding: 10px;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.5);

background-color: #1e1e1e;

}

input {

width: 100%;

margin-bottom: 10px;

padding: 10px;

box-sizing: border-box;

font-size: 18px;

border: none;

border-radius: 5px;

outline: none;

background-color: #2c2c2c;

color: white;

}

button {

width: 100%;

padding: 20px;

font-size: 16px;

margin: 2px;

cursor: pointer;

border: none;

border-radius: 5px;

background-color: #61dafb;

color: #282c34;

transition: background-color 0.3s ease;

}

button:hover {

background-color: #f05102;

}

#equals {

background-color: #5cb85c;

color: white;

}

#equals:hover {

background-color: #4cae4c;

}

#clear {

background-color: #d9534f;

color: white;

}

#clear:hover {

background-color: #c9302c;

}

</style>

</head>

<body>

<h1>CALCULATOR</h1>

<div id="calculator">

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

<br>

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

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

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

<br>

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

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

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

<br>

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

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

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

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

<button onclick="appendToDisplay('-')">-</button>

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

<button onclick="appendToDisplay('/')">/</button>

<br>

<button onclick="appendToDisplay('0')">0</button>

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

<button id="equals" onclick="calculateResult()">=</button>

</div>

<script>

// JavaScript code

function appendToDisplay(value) {

document.getElementById('display').value += value;

}

function clearDisplay() {

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

}

function calculateResult() {

var expression = document.getElementById('display').value;

var result;

try {

result = eval(expression);

document.getElementById('display').value = result;

} catch (error) {

document.getElementById('display').value = 'Error';

}

}

</script>

</body>

</html>