<!DOCTYPE html>

<html lang=*"en"*>

<head>

<meta charset=*"UTF-8"*>

<title>Basic Calculator</title>

<style>

**body** {

display: *flex*;

justify-content: *center*;

align-items: *center*;

height: *100vh*;

margin: *0*;

background-color: *#f0f0f0*;

}

*.calculator* {

border: *1px solid #ccc*;

border-radius: *5px*;

box-shadow: *0 0 10px rgba(0, 0, 0, 0.2)*;

text-align: *center*;

width: *300px*;

background-color: *#fff*;

}

**input** {

width: *100%*;

padding: *10px*;

border: *none*;

border-bottom: *1px solid #ccc*;

font-size: *20px*;

text-align: *right*;

outline: *none*;

}

*.buttons* {

display: *grid*;

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

grid-gap: *5px*;

padding: *10px*;

background-color: *#f4f4f4*;

}

**button** {

font-size: *20px*;

padding: *10px*;

background-color: *#e0e0e0*;

border: *none*;

cursor: *pointer*;

}

*.operator* {

background-color: *#f0a100*;

color: *white*;

}

*#clear* {

background-color: *#ff3c3c*;

color: *white*;

}

*#calculate* {

background-color: *#3cff3c*;

color: *white*;

}

</style>

</head>

<body>

<div class=*"calculator"*>

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

<div class=*"buttons"*>

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

<button id=*"calculate"* onclick="calculateResult()">=</button>

</div>

</div>

<script>

let displayValue = '';

**function** appendToDisplay(value) {

displayValue += value;

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

}

**function** clearDisplay() {

displayValue = '';

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

}

**function** calculateResult() {

**try** {

**const** result = eval(displayValue);

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

displayValue = result;

} **catch** (error) {

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

displayValue = '';

}

}

</script>

</body>

</html>

