<!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;

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

background-color: #f4f4f4;

}

.calculator {

background: white;

padding: 20px;

border-radius: 10px;

box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);

text-align: center;

}

.display {

width: 100%;

height: 50px;

text-align: right;

font-size: 2em;

margin-bottom: 10px;

padding: 10px;

border: none;

background: #eee;

border-radius: 5px;

}

.buttons {

display: grid;

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

gap: 10px;

}

button {

padding: 20px;

font-size: 1.5em;

border: none;

border-radius: 5px;

cursor: pointer;

background: #ddd;

}

button:hover {

background: #ccc;

}

.operator {

background: #ff9500;

color: white;

}

.operator:hover {

background: #e08900;

}

.equal {

background: #28a745;

color: white;

}

.equal:hover {

background: #218838;

}

.clear {

background: #dc3545;

color: white;

}

.clear:hover {

background: #c82333;

}

</style>

</head>

<body>

<div class="calculator">

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

<div class="buttons">

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

</div>

</div>

<script>

function appendToDisplay(value) {

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

}

function clearDisplay() {

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

}

function calculateResult() {

try {

document.getElementById("display").value = eval(document.getElementById("display").value);

} catch {

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

}

}

</script>

</body>

</html>