Nama: Kelvin Ferdinan

NIM: 2311104009

Kelas: S1SE0701

Source code:

Index.html

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Kalkulator</title>

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

</head>

<body>

    <div class="calculator">

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

        <div class="button">

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

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

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

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

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

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

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

            <button class="btn operator" onclick="appendValue('\*')">X</button>

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

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

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

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

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

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

            <button class="btn operator" onclick="calculate()">=</button>

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

        </div>

    </div>

    <script src="script.js"></script>

</body>

</html>

Style.css

body{

    display: flex;

    justify-content: center;

    align-items: center;

    height: 100vh;

    background-color: #ffffff;

    font-family: Georgia, 'Times New Roman', Times, serif;

}

.calculator{

    width: 250px;

    background-color: aquamarine;

    border-radius: 8px;

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

    padding: 20px;

}

#display{

    width: 230px;

    height: 50px;

    margin-bottom: 20px;

    font-size: 24px;

    text-align: right;

    padding: 10px;

    border: 1px solid #ddd;

    border-radius: 5px;

}

.button{

    display: grid;

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

    gap: 10px;

}

.btn{

    padding: 15px;

    margin-right: 2px;

    margin-bottom: 5px;

    border: none;

    border-radius: 5px;

    background-color: #000000;

    color: white;

    cursor: pointer;

}

.btn:active{

    background-color: #484848;

}

.operator{

    background-color: #494949;

}

.operator:active{

    background-color: #6b6b6b;

}

.clear{

    background-color: #ff4d4d;

}

Script.js

function appendValue(value) {

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

}

function clearDisplay() {

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

}

function calculate() {

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

    try {

        display.value = eval(display.value);

    } catch {

        display.value = 'Error';

    }

}

Output:

A screenshot of a computer

AI-generated content may be incorrect.