Project:-1

Calculator :-

**Language :- html,css,javascript**

**Html and javascript code :>**

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <title>calculator</title>

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

</head>

<body>

    <div class="calculator">

        <input type="text" class="screen" id="screen" placeholder="0">

        <button class="symbol" onclick="wipe('AC')">AC</button>

        <button class="symbol" onclick="wipe('C')">C</button>

        <button class="symbol" onclick="show('/')">/</button>

        <button class="symbol" onclick="show('\*')">\*</button>

        <button class="number" onclick="show('7')">7</button>

        <button class="number" onclick="show('8')">8</button>

        <button class="number" onclick="show('9')">9</button>

        <button class="symbol" onclick="show('-')">-</button>

        <button class="number" onclick="show('4')">4</button>

        <button class="number" onclick="show('5')">5</button>

        <button class="number" onclick="show('6')">6</button>

        <button class="symbol" onclick="show('+')">+</button>

        <button class="number" onclick="show('1')">1</button>

        <button class="number" onclick="show('2')">2</button>

        <button class="number" onclick="show('3')">3</button>

        <button class="symbol" onclick="show('.')">.</button>

        <button class="number" onclick="show('(')">(</button>

        <button class="number" onclick="show('0')">0</button>

        <button class="number" onclick="show(')')">)</button>

        <button class="symbol" onclick="calc()">=</button>

    </div>

    <script>

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

        const wipe = (action) => {

            if (action === 'AC') {

                display.value = '';

            } else if (action === 'C') {

                display.value = display.value.slice(0, -1);

            }

        }

        const show = (n) => {

            display.value += n;

        }

        const calc = () => {

            display.value = eval(display.value);

        }

    </script>

</body>

</html>

**Css code:-**

\* {

box-sizing: border-box;

margin: 0;

padding: 0;

}

\*::before,

\*::after {

box-sizing: inherit;

}

html,

body {

font-size: 16px;

font-family: Arial, sans-serif;

height: 100%;

}

body {

background: #10131c;

display: flex;

align-items: center;

justify-content: center;

-webkit-font-feature-smoothing: antialiased;

-webkit-tap-highlight-color: transparent;

}

input {

border: none;

outline: none;

}

input:focus {

outline: none;

background: none;

cursor: pointer;

}

button {

border: none;

outline: none;

background: none;

}

button:focus {

outline: none;

}

.calculator {

background: #212532;

display: grid;

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

gap: .75rem;

width: 325px;

border: 1px solid #333;

padding: .75rem;

border-radius: 1rem;

position: fixed;

top: 50%;

left: 50%;

transform: translate(50%, -50%);

}

.screen {

grid-column: 1/5;

border-radius: .75rem;

font-size: 2rem;

height: 6rem;

color: #fff;

background: #333849;

text-align: end;

padding: .5rem;

}

::placeholder {

color: #fff;

}

.symbol,

.number {

display: flex;

align-items: center;

justify-content: center;

text-align: center;

aspect-ratio: 1;

font-size: 1.25rem;

color: #fff;

border-radius: 50%;

transition: .15s ease;

}

.symbol {

background: #5d68e2;

}

.symbol:hover {

background: #4d55b1;

}

.number {

background: #333849;

}

.number:hover {

background: #333849ac;

}

Output:-

