Open source project

A calculator

Name- ajay

Asu2022010100075

Apeejay stya university

HTML

<!DOCTYPE html>

<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" />

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

<title>Calculator - By Code Traversal</title>

</head>

<body>

<div class="container">

<div class="calculator">

<input type="text" id="inputBox" placeholder="0" />

<div>

<button class="button operator">AC</button>

<button class="button operator">DEL</button>

<button class="button operator">%</button>

<button class="button operator">/</button>

</div>

<div>

<button class="button">7</button>

<button class="button">8</button>

<button class="button">9</button>

<button class="button operator">\*</button>

</div>

<div>

<button class="button">4</button>

<button class="button">5</button>

<button class="button">6</button>

<button class="button operator">-</button>

</div>

<div>

<button class="button">1</button>

<button class="button">2</button>

<button class="button">3</button>

<button class="button operator">+</button>

</div>

<div>

<button class="button">00</button>

<button class="button">0</button>

<button class="button">.</button>

<button class="button equalBtn">=</button>

</div>

</div>

</div>

<script src="script.js"></script>

</body>

</html>

CSS

{

margin: 0;

padding: 0;

box-sizing: border-box;

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

}

body{

width: 100%;

height: 100vh;

display: flex;

justify-content: center;

align-items: center;

background: linear-gradient(45deg, #0a0a0a, #3a4452);

}

.calculator{

border: 1px solid #717377;

padding: 20px;

border-radius: 16px;

background: transparent;

box-shadow: 0px 3px 15px rgba(113, 115, 119, 0.5);

}

input{

width: 320px;

border: none;

padding: 24px;

margin: 10px;

background: transparent;

box-shadow: 0px 3px 15px rgbs(84, 84, 84, 0.1);

font-size: 40px;

text-align: right;

cursor: pointer;

color: #ffffff;

}

input::placeholder{

color: #ffffff;

}

button{

border: none;

width: 60px;

height: 60px;

margin: 10px;

border-radius: 50%;

background: transparent;

color: #ffffff;

font-size: 20px;

box-shadow: -8px -8px 15px rgba(255, 255, 255, 0.1);

cursor: pointer;

}

.equalBtn{

background-color: #fb7c14;

}

.operator{

color: #6dee0a;

}

JAVASCRIPT

let input = document.getElementById('inputBox');

let buttons = document.querySelectorAll('button');

let string = "";

let arr = Array.from(buttons);

arr.forEach(button => {

button.addEventListener('click', (e) =>{

if(e.target.innerHTML == '='){

string = eval(string);

input.value = string;

}

else if(e.target.innerHTML == 'AC'){

string = "";

input.value = string;

}

else if(e.target.innerHTML == 'DEL'){

string = string.substring(0, string.length-1);

input.value = string;

}

else{

string += e.target.innerHTML;

input.value = string;

}

})

})