LEVEL 1- TASK 3

CALCULATOR

Html code

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Calculator</title>
  <link href="styles.css" rel="stylesheet">
  <link href="https://fonts.googleapis.com/css2?family=Roboto+Mono:wght@400&display=swap" rel="stylesheet">
</head>
<body>

  <div class="container">
    <input type="text" placeholder="0" id="inputBox">
    <div class="row">
      <button class="button-clicks">AC</button>
      <button class="button-clicks">DEL</button>
      <button class="button-clicks">%</button>
      <button class="button-operations">/</button><br>
    </div>
    <div class="row">
      <button >7</button>
      <button >8</button>
      <button >9</button>
      <button class="button-operations">*</button>
    </div>
    <div class="row">
      <button >4</button>
      <button>5</button>
      <button >6</button>
      <button class="button-operations">-</button>
```

```html
            </div>
            <div class="row">
                <button >1</button>
                <button >2</button>
                <button >3</button>
                <button class="button-operations">+</button>
            </div>
            <div class="row">
                <button >00</button>
                <button >0</button>
                <button >.</button>
                <button class="button-operations">=</button>
            </div>
        </div>
        <script src="script.js"></script>
</body>
</html>
```

Css code

```css
@import url('https://fonts.googleapis.com/css2?family=Raleway:ital,wght@0,100..900;1,100..900&display=swap');

*{
    margin: 0;
    padding: 0;
```

```css
        box-sizing: border-box;

        font-family: 'Roboto Mono', monospace;

}

body{

        width: 100%;

        height: 100%;

        display: flex;

        justify-content: center;

        align-items: center;

        margin-top: 90px;

        background-color: black;

}

.container{

        border: 1px solid rgb(97, 92, 92);

        padding: 20px;

        border-radius: 20px;

        background-color: transparent;

        box-shadow: 0px 3px 15px rgb(243, 194, 103);

}

input{

        width: 340px;

        border: none;

        padding: 24px;

        margin: 10px;

        background: transparent;

        font-size: 40px;

        text-align: right;

        color: white;

}

input::placeholder{

        color: white;

}

button{

        border: none;
```

```css
        width: 60px;

        height: 60px;

        margin: 10px;

        border-radius: 50%;

        background: transparent;

        color: white;

        background-color: rgb(95, 94, 92);

        font-size: 20px;

        cursor: pointer;

}

button:hover{

    background-color: orange;

}

.button-operations{

    background-color: orange;

}

.button-operations:hover{

    background-color: rgb(95, 94, 92);

}

.button-clicks{

    background-color: rgb(191, 184, 184);

}
```

Js code

```js
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);
```

```javascript
            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;
        }

    })
})
```