

Date : 9/1/2024

Assignment: make one simple calculator(+,-,*,/,=) using html,css,js and add styling part also.

Answer:

Index.html File

```
<!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</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>
  </div>
</body>
```

```

    <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>

```

style.css File

```

@import
url("https://fonts.googleapis.com/css2?family=Poppins:wght@500&display=swap");

* {
  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 rgba(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: #ffffff;  
  background-color: #fb7c14;  
}
```

Script.js File

```
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;  
    }  
  });  
});
```

Output:

789

AC

DEL

%

/

7

8

9

*

4

5

6

-

1

2

3

+

00

0

.

=

789+

AC

DEL

%

/

7

8

9

*

4

5

6

-

1

2

3

+

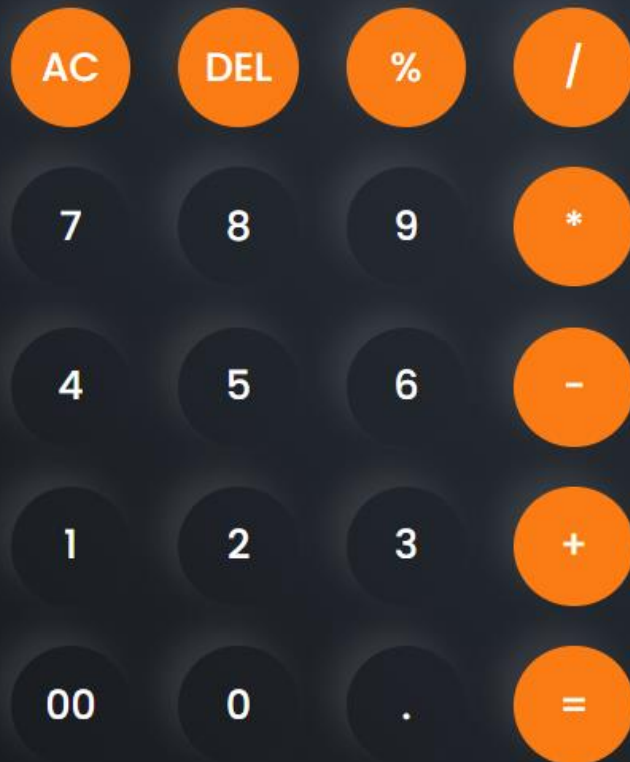
00

0

.

=

789+145



934

AC

DEL

%

/

7

8

9

*

4

5

6

-

1

2

3

+

00

0

.

=