CALCULATOR

Calculator.html

```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 rel="stylesheet" href="./style.css">
</head>
<body>
  <div class="container">
    <div class="calculator">
      <div class="heading-calc">
        <h3>CASIO</h3>
      </div>
      <form action="">
        <div class="display">
          <input type="text" id="displays" readonly>
        </div>
        <div>
          <input type="button" class="custom-button operator-button" value="AC" onclick="clearDisplay()">
          <input type="button" class="custom-button operator-button" value="DE" onclick="displays.value = displays.value.toString().slice(0,-1)">
          <input type="button" class="custom-button operator-button" value="." onclick="appendToDisplay('.')">
          <input type="button" class="custom-button operator-button" value="/" onclick="appendToDisplay('/')">
        </div>
        <div>
          <input type="button" class="custom-button" value="7" onclick="appendToDisplay('7')">
          <input type="button" class="custom-button" value="8" onclick="appendToDisplay('8')">
```

```html
        <input type="button" class="custom-button" value="9" onclick="appendToDisplay('9')">

        <input type="button" class="custom-button operator-button" value="*"
onclick="appendToDisplay('*')">

      </div>

      <div>

        <input type="button" class="custom-button" value="4" onclick="appendToDisplay('4')">

        <input type="button" class="custom-button" value="5" onclick="appendToDisplay('5')">

        <input type="button" class="custom-button" value="6" onclick="appendToDisplay('6')">

        <input type="button" class="custom-button operator-button" value="-" onclick="appendToDisplay('-
')">

      </div>

      <div>

        <input type="button" class="custom-button" value="1" onclick="appendToDisplay('1')">

        <input type="button" class="custom-button" value="2" onclick="appendToDisplay('2')">

        <input type="button" class="custom-button" value="3" onclick="appendToDisplay('3')">

        <input type="button" class="custom-button operator-button" value="+"
onclick="appendToDisplay('+')">

      </div>

      <div>

        <input type="button" class="custom-button" value="00" onclick="appendToDisplay('00')">

        <input type="button" class="custom-button" value="0" onclick="appendToDisplay('0')">

        <input type="button" class="custom-button operator-button equal" value="=" onclick="calculate()">

      </div>

    </form>

  </div>

 </div>

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

</body>

</html>
```

Style.css

```css
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;

}

.container{
  width: 100%;
  height: 100vh;
  background: #928686;
  display: flex;
  align-items: center;
  justify-content: center;
}

.calculator{
  background: #2e3e53;
  padding: 20px;
  border-radius: 10px;
  box-shadow: -8px -8px 15px rgba(180, 135, 57, 0.1),5px 5px 15px rgba(203, 203, 37, 0.2);
}

.heading-calc{
  text-align: center;
  color: white;
  letter-spacing: 3px;
  height: 60px;
}
```

```css
.calculator form input{
  border: 0;
  outline: 0;
  width: 60px;
  height: 60px;
  border-radius: 10px;
  box-shadow: -8px -8px 15px rgba(255, 255, 255, 0.1),5px 5px 15px rgba(0, 0, 0, 0.2);
  background: transparent;
  font-size: 20px;
  color: white;
  margin: 10px;
}

form .display{
  display: flex;
  justify-content: flex-end;
  margin: 20px 0;
}

form .display input{
  text-align: right;
  flex: 1;
  font-size: 35px;
  box-shadow: none;
  box-shadow: 0px 0px 30px rgba(0,0,0,0.75);
  padding-right: 10px;
}

form input.equal{
  width: 145px;
}

.custom-button{
```

```css
  cursor: pointer;

}

.custom-button:hover{

  background-color: #02152b;

}

.custom-button:active{

  background-color: rgb(41, 41, 54);

}

.calculator form input.operator-button{

  background-color: rgb(76, 75, 93);

}

.calculator form input.operator-button:hover{

  background-color: #626613;

}

.calculator form input.operator-button:active{

  background-color: rgb(74, 81, 26);

}
```

Index.js

```javascript
const display = document.getElementById('displays');


function appendToDisplay(input) {

  display.value += input;

}


function clearDisplay() {

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

}
```

```
function calculate(){

 try{

display.value = eval(display.value);

 }

 catch(error){

display.value="Error"

 }

}
```