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TUGAS INDIVIDU 2 DESAIN WEB

HTML:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="style.css">
    <title>Document</title>
</head>
<body>
    <div class="container">
        <input type="text" class="display">

        <div class="buttons">
            <button class="operator" data-value="AC">AC</button>
            <button class="operator" data-value="DEL">DEL</button>
            <button class="operator" data-value="%">%</button>
            <button class="operator" data-value="/">/</button>

            <button data-value="7">7</button>
            <button data-value="8">8</button>
            <button data-value="9">9</button>
            <button class="operator" data-value="*">*</button>

            <button data-value="4">4</button>
            <button data-value="5">5</button>
            <button data-value="6">6</button>
            <button class="operator" data-value="-">-</button>

            <button data-value="1">1</button>
            <button data-value="2">2</button>
            <button data-value="3">3</button>
            <button class="operator" data-value="+">+</button>

            <button data-value="0">0</button>
            <button data-value="00">00</button>
            <button class="operator" data-value=".">.</button>
            <button class="operator" data-value="=">=</button>
        </div>
```

```html
        </div>

        <script src="script.js"></script>
</body>
</html>
```

CSS:

```css
@import
url('https://fonts.googleapis.com/css2?family=Alkatra:wght@400;500;700&family=Pop
pins:wght@200&display=swap');


*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: "Poppins";
}

body {
    height: 100vh;
    display: flex;
    align-items: center;
    justify-content: center;
    background: #333;
}


.container{
    position: relative;
    max-width: 300px;
    width: 100%;
    border-radius: 12px;
    padding: 10px 20px 20px;
    background: #ffff;
    box-shadow: 0 5px 10px rgba(0, 0, 0, 0.5);

}

.display{
    height: 80px;
    width: 100%;
    margin-bottom: 10px;
    font-size: 25px;
```

```css
        text-align: right ;
        outline: none;
        border: none;
        color: #000e1a;
        pointer-events: none;
}
.buttons{
        display: grid;
        grid-gap: 10px;
        grid-template-columns: repeat(4, 1fr);
}


.buttons button {
        padding: 10px;
        border-radius: 6px;
        -webkit-border-radius: 6px;
        -moz-border-radius: 6px;
        -ms-border-radius: 6px;
        -o-border-radius: 6px;
        border: none;
        font-size: 20px;
        cursor: pointer;
        background-color: #eee;
        box-shadow: none;
}


.buttons button:active{
        transform: scale(0.99);
        -webkit-transform: scale(0.99);
        -moz-transform: scale(0.99);
        -ms-transform: scale(0.99);
        -o-transform: scale(0.99);
}

.operator,
.button[data-value="AC"],
.button[data-value="DEL"] {
        background-color: #444;
        color: #000;
}
```

JS:

```javascript
const display = document.querySelector(".display");
const buttons = document.querySelectorAll("button");
let output = "";

const calculate = (btnValue) => {
  if (btnValue === "=") {
    try {
      output = eval(output);
    } catch (error) {
      output = "Error";
    }
  } else if (btnValue === "AC") {
    output = "";
  } else if (btnValue === "DEL") {
    output = output.slice(0, -1);
  } else {
    output += btnValue;
  }
  display.value = output;
};

buttons.forEach((button) => {
  button.addEventListener("click", (e) => calculate(e.target.dataset.value));
});

document.addEventListener("keydown", (e) => {
  const keyPressed = e.key;

  calculate(keyPressed);
});
```