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Link Github : [https://github.com/ppw-se-07-02/PPW_2311104073_FarhanKurniawan/tree/main/Tugas%20Kalkulator%20\(HTML%2C%20CSS%2C%20dan%20Javascript\)](https://github.com/ppw-se-07-02/PPW_2311104073_FarhanKurniawan/tree/main/Tugas%20Kalkulator%20(HTML%2C%20CSS%2C%20dan%20Javascript))

Kode:

Kalkulator.html

```
<!DOCTYPE html>
<html lang="id">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
  <title>Kalkulator Sederhana</title>
  <style>
    * {
      box-sizing: border-box;
    }

    body {
      background: #e3f2fd;
      display: flex;
      justify-content: center;
      align-items: center;
      height: 100vh;
      margin: 0;
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    }

    .calculator {
      background: #fff;
      padding: 20px;
      border-radius: 16px;
      box-shadow: 0 4px 15px rgba(0,0,0,0.15);
      width: 300px;
    }

    .display {
      width: 100%;
      height: 60px;
      background: #f1f3f4;
      border: none;
      border-radius: 8px;
      font-size: 1.8rem;
```

```
text-align: right;
padding: 10px;
margin-bottom: 15px;
}

.buttons {
display: grid;
grid-template-columns: repeat(4, 1fr);
gap: 10px;
}

button {
padding: 15px;
font-size: 1.2rem;
border: none;
border-radius: 8px;
background: #90caf9;
color: #000;
cursor: pointer;
transition: background 0.2s;
}

button:hover {
background: #64b5f6;
}

.operator {
background: #64b5f6;
}

.operator:hover {
background: #42a5f5;
}

.equals {
background: #2196f3;
color: #fff;
grid-column: span 2;
}

.equals:hover {
background: #1976d2;
}

.clear {
background: #e57373;
color: #fff;
}

.clear:hover {
```

```

    background: #d32f2f;
  }
</style>
</head>
<body>
  <div class="calculator">
    <input type="text" class="display" id="display" disabled />
    <div class="buttons">
      <button class="clear" onclick="clearDisplay()">C</button>
      <button onclick="deleteChar()">DEL</button>
      <button class="operator" onclick="appendValue('/')">÷</button>
      <button class="operator" onclick="appendValue('*')">×</button>

      <button onclick="appendValue('7')">7</button>
      <button onclick="appendValue('8')">8</button>
      <button onclick="appendValue('9')">9</button>
      <button class="operator" onclick="appendValue('-')">-</button>

      <button onclick="appendValue('4')">4</button>
      <button onclick="appendValue('5')">5</button>
      <button onclick="appendValue('6')">6</button>
      <button class="operator" onclick="appendValue('+')">+</button>

      <button onclick="appendValue('1')">1</button>
      <button onclick="appendValue('2')">2</button>
      <button onclick="appendValue('3')">3</button>
      <button onclick="appendValue('.')">.</button>

      <button onclick="appendValue('0')">0</button>
      <button class="equals" onclick="calculate()">=</button>
    </div>
  </div>

  <script>
    const display = document.getElementById('display');

    function appendValue(value) {
      display.value += value;
    }

    function clearDisplay() {
      display.value = "";
    }

    function deleteChar() {
      display.value = display.value.slice(0, -1);
    }

    function calculate() {
      try {

```

```
        display.value = eval(display.value) || "";
    } catch {
        display.value = 'Error';
    }
}

// Bonus: tekan Enter untuk "=" dan Backspace untuk DEL
document.addEventListener('keydown', (e) => {
    if (e.key === 'Enter') {
        calculate();
    } else if (e.key === 'Backspace') {
        deleteChar();
    }
});
</script>
</body>
</html>
```

Hasil Running:

