

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Simple Calculator</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>

  <div class="calculator">
    <input type="text" id="display" disabled>
    <div class="buttons">
      <button onclick="clearDisplay()">C</button>
      <button onclick="appendToDisplay('7')">7</button>
      <button onclick="appendToDisplay('8')">8</button>
      <button onclick="appendToDisplay('9')">9</button>
      <button onclick="appendToDisplay('/')">/</button>

      <button onclick="appendToDisplay('4')">4</button>
      <button onclick="appendToDisplay('5')">5</button>
      <button onclick="appendToDisplay('6')">6</button>
      <button onclick="appendToDisplay('*')">*</button>

      <button onclick="appendToDisplay('1')">1</button>
      <button onclick="appendToDisplay('2')">2</button>
      <button onclick="appendToDisplay('3')">3</button>
      <button onclick="appendToDisplay('-')">-</button>

      <button onclick="appendToDisplay('0')">0</button>
      <button onclick="appendToDisplay('.')">.</button>
      <button onclick="calculateResult()">=</button>
      <button onclick="appendToDisplay('+')">+</button>
    </div>
  </div>

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

```

body {
  font-family: Arial, sans-serif;
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
  background-color: #f4f4f4;
}

.calculator {
  background: white;
  padding: 20px;
  border-radius: 8px;
  box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
  text-align: center;
}

#display {
  width: 100%;
  height: 50px;
  font-size: 1.5em;
  text-align: right;
  margin-bottom: 10px;
  padding: 5px;
  border: 1px solid #ccc;
  border-radius: 5px;
}

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

button {
  padding: 15px;
  font-size: 1.2em;
  border: none;
  cursor: pointer;
  border-radius: 5px;
  background: #ddd;
}

button:hover {
  background: #bbb;
}

button:nth-child(1) {
  background: red;
  color: white;
}

button:nth-child(1):hover {
  background: darkred;
}

button:nth-child(17) {
  background: green;
  color: white;
}

button:nth-child(17):hover {
  background: darkgreen;
}

```

```
let display = document.getElementById("display");
```

```
function appendToDisplay(value) {  
    display.value += value;  
}
```

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

```
function calculateResult() {  
    try {  
        display.value = eval(display.value);  
    } catch (error) {  
        alert("Invalid Expression!");  
        display.value = "";  
    }  
}
```