Calculator\calci.js

```
let display = document.getElementById('display');
let currentInput = '';
let previousInput = '';
let operator = '';

function appendToDisplay(value) {
    if (value === '.' && currentInput.includes('.')) {
        return; // Prevent multiple decimals in the same number
    }
    currentInput += value;
    display.value = currentInput;
}

function clearDisplay() {
    currentInput = '';
    previousInput = '';
    operator = '';
    display.value = '';
}

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

function calculate(op) {
    if (op === '=') {
        // If the '=' button is pressed, perform the calculation
        if (operator && currentInput !== '') {
            calculateResult();
        }
        return;
    }

    if (currentInput !== '') {
        if (previousInput !== '') {
            calculateResult();
        }
        previousInput = currentInput;
        operator = op;
        currentInput = '';

        // Clear any previous operator before displaying a new one
        display.value = previousInput + ` ${op} `;
    } else if (previousInput !== '') {
        // If currentInput is empty but there was a previous input, update the operator
        operator = op;
        display.value = previousInput + ` ${op} `;
    }
}

```

```
function calculateResult() {
    if (currentInput === '') {
        // If no second operand is provided, assume it is equal to the first one
        currentInput = previousInput;
    }

    let result;
    switch (operator) {
        case '+':
            result = parseFloat(previousInput) + parseFloat(currentInput);
            break;
        case '-':
            result = parseFloat(previousInput) - parseFloat(currentInput);
            break;
        case '*':
            result = parseFloat(previousInput) * parseFloat(currentInput);
            break;
        case '/':
            if (currentInput === '0') {
                alert("Cannot divide by zero");
                clearDisplay();
                return;
            }
            result = parseFloat(previousInput) / parseFloat(currentInput);
            break;
        default:
            return;
    }

    currentInput = result.toString();
    previousInput = '';
    operator = '';
    display.value = currentInput;
}

```