**Explanation of the JavaScript Code:**

1. **Selecting Elements:**
   * const display = document.getElementById('display');: This selects the input field where the calculator's output is displayed.
   * const buttons = document.querySelectorAll('input[type="button"]');: This selects all buttons of the type "button" to add click events to them.
2. **Adding Event Listeners:**
   * buttons.forEach(button => { ... });: This loop attaches an event listener to each button.
3. **Event Handling:**
   * const action = button.getAttribute('data-action');: Retrieves the action type (e.g., clear, delete, calculate) if present.
   * const value = button.getAttribute('data-value');: Retrieves the numerical or operator value of the button.
4. **Clearing the Display:**
   * if (action === 'clear') { display.value = ''; }: Clears the display if the "AC" button is clicked.
5. **Deleting Last Character:**
   * else if (action === 'delete') { display.value = display.value.toString().slice(0, -1); }: Deletes the last character if the "DE" button is clicked.
6. **Calculating the Expression:**
   * else if (action === 'calculate') { ... }: Evaluates the mathematical expression on the display using eval(). If there’s an error, it shows "Error".
7. **Appending Values:**
   * else if (value) { display.value += value; }: Appends numbers or operators to the display when a respective button is clicked.

This structure keeps the JavaScript logic separate from the HTML, making the code cleaner and easier to maintain. Let me know if you need further adjustments or additional features!