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YEAR – 2

SEMESTER - 3

BRANCH - CSE

SECTION – D

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Project Name -

Simple Calculator

Purpose of this project -

To build a basic calculator using HTML, CSS, and JavaScript, simulating a real-world application.

Technology Used -

- *HTML* for structure
- *CSS* for styling and layout
- *JavaScript* for functionality and interactivity

DESCRIPTION OF CORE FUNCTIONALITY

Functions used –

- **addToDisplay(value)**

Adds a number or symbol (like + or -) to displayValue.

If displayValue is '0', it clears it first, so we don't start with a leading zero.

Updates the screen with the new value.

- **updateDisplay()**

Updates what the user sees on the calculator screen.

Changes the display text to show the current displayValue

- **clearDisplay()**

Sets displayValue back to '0', clearing the screen.

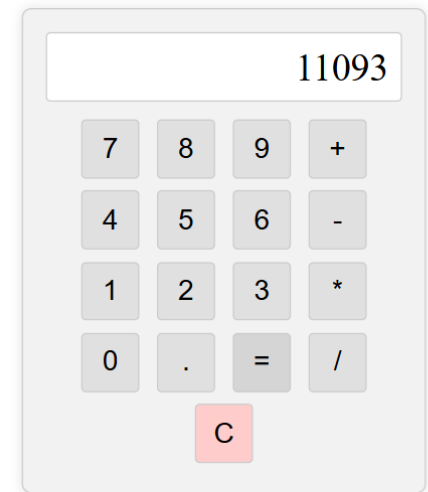
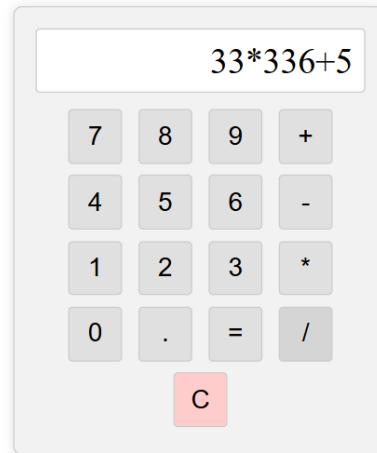
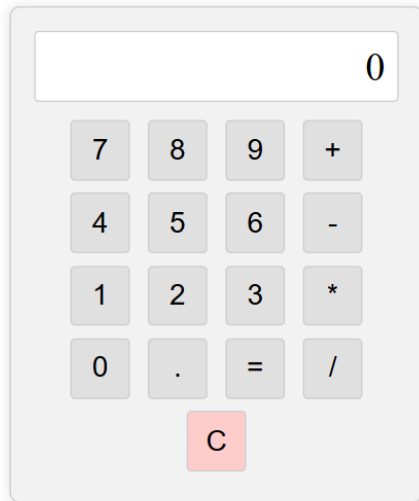
Calls updateDisplay() to show the cleared screen.

- **calculate()**

Takes the numbers and operators in displayValue, performs the calculation, and updates the screen with the result.

Converts the result to a string so it can be displayed

Project



THANK YOU