

# Basic Calculator

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Internship : Unified Mentor

## Project Overview

*This is a simple web->based calculator that allows users to perform basic arithmetic operations. The calculator features a clean and modern design with buttons for numbers, basic operators (+, -, \*, /), and functions like clear (CLR) and equals (=).*

## Feature

- ❖ **Responsive Design** : THE CALCULATOR ADJUSTS ITS LAYOUT BASED ON SCREEN SIZE, MAKING IT USABLE ON BOTH DESKTOP AND MOBILE DEVICES.
- ❖ **Basic Arithmetic** : SUPPORTS ADDITION, SUBTRACTION, MULTIPLICATION, AND DIVISION.
- ❖ **Clear Button** : QUICKLY CLEARS THE DISPLAY.
- ❖ **Error Handling** : DISPLAYS "ERROR" IF THE USER ATTEMPTS AN INVALID OPERATION.
- ❖ **Stylish UI** : MODERN DESIGN WITH HOVER AND ACTIVE STATES FOR BUTTONS, ENHANCING THE USER EXPERIENCE.

## Technologies Used

- > **HTML** : FOR STRUCTURING THE CALCULATOR LAYOUT.
- > **CSS** : FOR STYLING THE CALCULATOR, INCLUDING CUSTOM COLOR SCHEMES AND RESPONSIVE DESIGN.
- > **JavaScript** : FOR HANDLING THE CALCULATOR LOGIC, INCLUDING INPUT HANDLING, EVALUATION OF EXPRESSIONS, AND ERROR HANDLING.

## How to Run the Project

- ❖ **Clone the Repository** : -

GIT CLONE

[HTTPS://GITHUB.COM/VISHVERWASMA/BASICCALCULATOR.GIT](https://github.com/Vishverwasma/BasicCalculator.git)

### ❖ **Navigate to the Project Directory : -**

CD BASICCALCULATOR

### ❖ **Open `index.html` in Your Browser :**

YOU CAN OPEN IT DIRECTLY BY DOUBLE->CLICKING THE FILE OR USING A LOCAL SERVER FOR A BETTER EXPERIENCE.

## *Files in the Project*

### ❖ **index.html :**

➔ THE MAIN HTML FILE CONTAINING THE STRUCTURE OF THE CALCULATOR.

### ❖ **styles.css :**

➔ THE CSS FILE FOR STYLING THE CALCULATOR.

### ❖ **index.js :**

➔ THE JAVASCRIPT FILE CONTAINING THE LOGIC FOR THE CALCULATOR OPERATIONS.