Digital Portfolio

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PROJECT TITLE

INTERACTIVE DIGITAL PORTFOLIO USINGFRONTENDWEB
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AGENDA

١. Problem Statement

Project Overview

٢. End Users

٣. Tools and Technologies

٤. Portfolio designandLayout

٥. Features and Functionality

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٧. Conclusion

٨. Github Link

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PROBLEM STATEMENT

Mathematical operations like addition, subtraction, multiplication, and division are vital in daily life. Manualcalculations,however, areoften slowand error-prone, especially with large or complex expressions. Toa ddress this,the proposed calculator project offers a simple, efficient, and user-friendly solution that ensures accurate results, saves time, and supports basic to moderate operations through
an interactive interface.

PROJECT OVERVIEW

- This project is a **basic calculator web app** built using HTML, CSS, and JavaScript.

- It performs operations such as:
  - Addition
  - Subtraction
  - Multiplication
  - Division
  - Modulus

- **Features**: AC(Clear), DEL (Delete), Decimal input.

WHO ARE THE END USERS?

- **Students**: quick math calculations.

- **Teachers**: simple tool in classrooms.

- **General Users**: anyone needing an online calculator.

TOOLS AND TECHNIQUES

- HTML5 → Structure and layout

- CSS3 → Styling and UI design

- JavaScript (ES6) → Logic & interactivity

- Text Editor → (VS Code)

- Browser → (Chrome/Edge/Firefox)

POTFOLIO DESIGN AND LAYOUT

Subaprakash.E

Artificial intelligence Student | Aspiring Web Developer

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About Me

Hello! I am a passionate Artificial Intelligence student eager to learn and build meaningful applications. I specialize in web development and constantly strive to improve my coding skills.

Projects

Weather App

A responsive weather app built using HTML, CSS, and JavaScript. It fetches real-time weather data from the OpenWeather API based on user input.

Personal Portfolio Website

Weather App

A responsive weather app built using HTML, CSS, and JavaScript. It fetches real-time weather data from the OpenWeather API based on user input.

Personal Portfolio Website

This portfolio website, built from scratch to showcase my skills, projects, and contact details in an easy-to-navigate format.

To-Do List App

A simple and functional to-do list app that allows users to add, delete, and mark tasks as complete.

Contact

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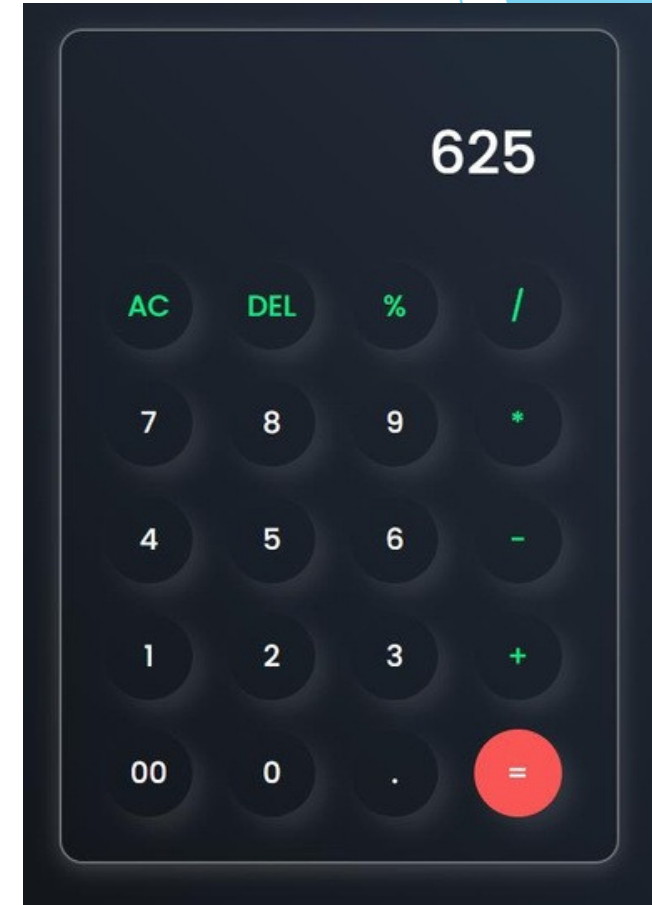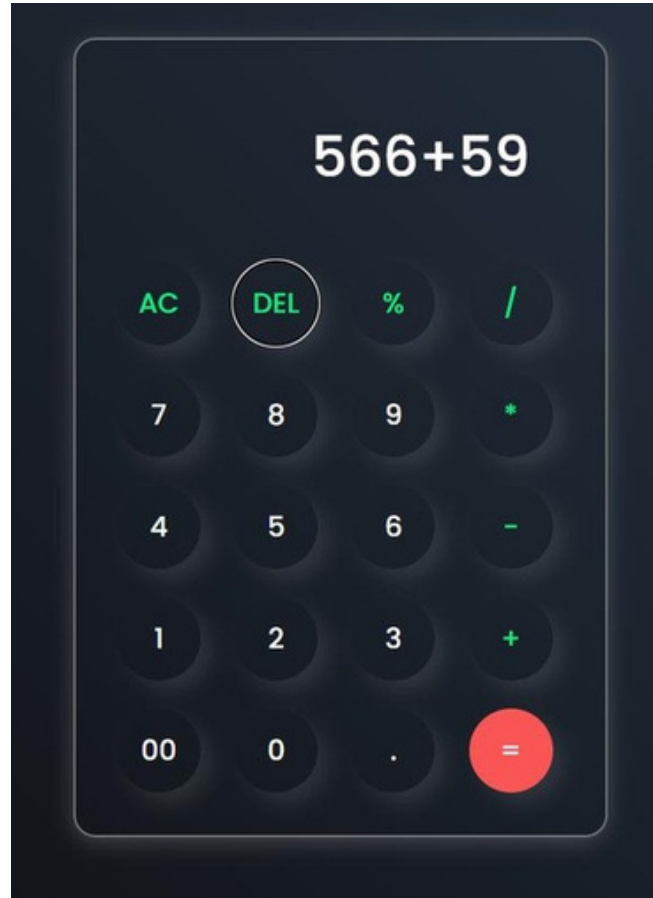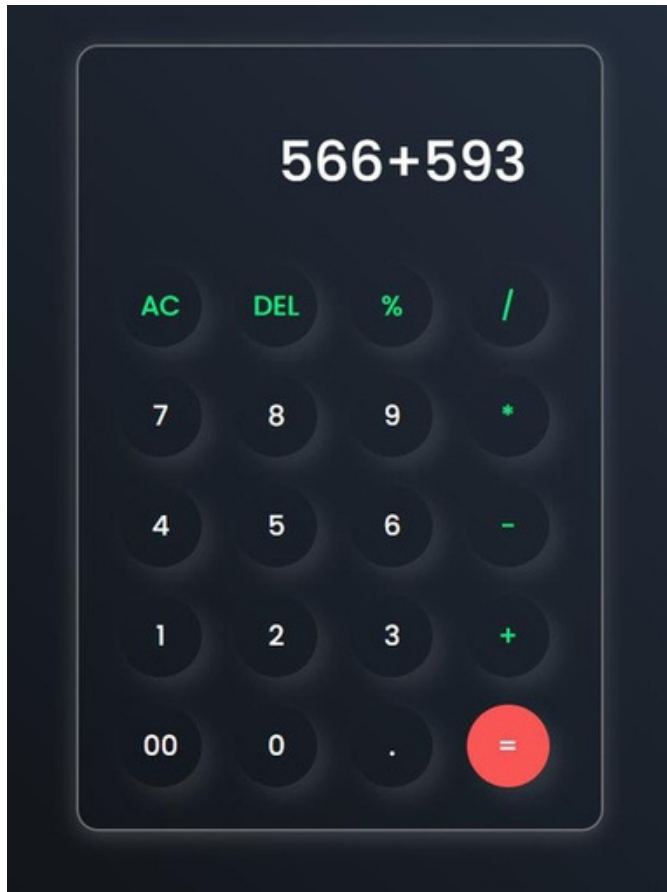**GitHub:** github.com/Subaprakash.E
LinkedIn: linkedin.com/in/Subaprakash.E
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FEATURES AND FUNCTIONALITY

- Perform basic arithmetic operations
- Delete last digit using DEL

- Reset calculation using AC

- Support for decimal values

- Real-time output display

RESULTS AND SCREENSHOTS

CONCLUSION

The calculator project demonstrates the implementationo f a simple andefficient tool for performing basic arithmetic operations such as addition, subtraction, multiplication, and division. It offersaneasy-to-useinterface, reducesmanualerrors, and improves accuracy and speed in solving problems. Through this project, I gained practical experience in programming, logic building, and user interface design. The calculator also provides a foundation for future enhancements, such as scientific functions, history tracking, and memory features.