

Calculator App

A simple calculator application built with **React + Vite** and styled using **Material UI**. The app supports basic arithmetic operations with a modern and responsive UI.

Features

- **Basic Operations:** Supports addition, subtraction, multiplication, and division.
 - **Result Handling:** Automatically clears the previous result when the user begins a new calculation.
 - **Modern Design:** Implements Material UI components with a minimalist color scheme.
 - **Responsive Layout:** Fully responsive and adapts to various screen sizes.
 - **Keyboard-Like Interface:** A 4x4 grid layout for easy number and operation input.
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Color Scheme

Primary Colors

- **Dark Gray / Charcoal (#2C2C2C):** Background color for the app.
- **White (#FFFFFF):** Text color and display background.

Accent Colors

- **Deep Blue (#0A74DA):** Buttons for numbers and operations.
- **Emerald Green (#3C8D40):** Equal (=) button.
- **Soft Orange (#FF9F00):** Clear (C) button.

Secondary Accent

- **Light Gray (#F4F4F4):** Card background and section dividers.
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Typography

- **Headings:** Serif font (e.g., Georgia, Times New Roman) for a professional look.

- **Body Text:** Sans-serif font (Roboto, Arial) for readability.
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Getting Started

Prerequisites

- Node.js ($\geq 14.x$)
- npm ($\geq 6.x$)

Installation

1. **Clone the repository:**

bash

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```
git clone https://github.com/your-repo/calculator-app.git
cd calculator-app
```

2. **Install dependencies:**

bash

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```
npm install
```

3. **Run the app:**

bash

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```
npm run dev
```

4. **Access the app:** Open your browser and navigate to <http://localhost:5173>.