

# Simple Calculator

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## Introduction

The Simple CLI Calculator is a command-line tool designed to perform basic arithmetic operations. Built using JavaScript, this calculator allows users to execute simple math functions such as addition, subtraction, multiplication, and division, as well as more advanced operations like squaring and cubing numbers. By interacting with the calculator through the command line, users can quickly and efficiently perform calculations directly from their terminal.

## Objectives

- **Perform Basic Math:** Implement core arithmetic operations such as addition, subtraction, multiplication, and division.
- **Build CLI Interaction:** Develop a user-friendly command-line interface for easy input and output.
- **Apply Basic Skills:** Use this project to apply and reinforce your knowledge of input/output handling, functions, and loops in JavaScript.
- **Enhance Practical Skills:** Gain practical experience in creating and managing a simple, interactive command-line tool.

## Features

- **Interactive CLI:** A user-friendly command-line interface that guides users through entering operations and numbers.
- **Customizable Operations:** Users can choose from basic arithmetic and advanced operations like squaring and cubing.

## Instructions to run

### Download and Ensure Files Are in the Same Directory:

- Download the folder or both calculator.js and index.html file and make sure that both files are saved in the same folder on your computer.

### Open the HTML File:

- Double-click on index.html or right-click and choose "Open with" to open it in your preferred web browser (e.g., Chrome, Firefox, Edge).

### Interact with the Calculator:

- A pop-up alert will welcome you to the calculator and provide instructions.
- Enter the type of operation you want to perform (e.g., + for addition).
- Follow the prompts to enter numbers or select options as required by the operation.
- The results will be displayed on the web page.

### Test Different Operations:

- Test various operations such as addition, subtraction, multiplication, and division by entering the relevant symbols and numbers.
- For squaring and cubing, use sq and cb respectively, and provide a single number for these operations.