

Simple Calculator CLI App - Readme

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Description

A basic command-line calculator built in Python that supports addition (+), subtraction (-), multiplication (*), and division (/). It features a menu-driven interface, user input validation, error handling (e.g., division by zero, invalid numbers), and loops until the user chooses to exit. The code is modular with separate functions for operations and input handling.

Features

- Interactive menu for selecting operations.
- Handles floating-point numbers.
- Input validation and error messages.
- Clean, loop-based structure for multiple calculations.

Requirements

- Python 3.x (no external libraries needed).

How to Run

1. Save the code as `calculator.py`.
2. Open a terminal and navigate to the file's directory.
3. Run: `python calculator.py`.
4. Follow the on-screen prompts to perform calculations.

Example Usage

```
Welcome to the Simple Calculator!
```

```
--- Calculator Menu ---
```

1. Addition (+)
2. Subtraction (-)
3. Multiplication (*)
4. Division (/)
5. Exit

Enter your choice (1-5): 1

Enter first number: 5

Enter second number: 3

5.0 + 3.0 = 8.0

Do you want to perform another operation? (y/n): n

Thank you for using the calculator. Goodbye!

Author

Built as a simple CLI project example. For questions, feel free to adapt and extend!