

Simple Calculator Project - Python

Project Report

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Introduction

This project is a terminal-based simple calculator built using Python. It supports basic arithmetic operations and demonstrates control structures, functions, and user input handling in Python.

Objective

The objective of this project is to develop a user-friendly calculator in Python that can perform basic arithmetic operations: addition, subtraction, multiplication, and division.

Features

- Performs addition, subtraction, multiplication, and division
- Accepts user input for numbers and operations
- Handles invalid input and division by zero
- Allows repeated calculations until user exits
- Includes 'clear' and 'exit' commands for better usability

Code Explanation

The program is divided into multiple functions: add, subtract, multiply, and divide.

The main loop allows the user to enter an operation and two numbers, and prints the result.

The program handles input errors and includes options to clear the screen or exit the program.

Conclusion

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This simple calculator project helped reinforce the understanding of basic Python programming, function usage, error handling, and terminal input/output.