Author, Date

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Brief summary of the software

It is a simple calculator program based on C that will read numbers and commands from one or more files to compute the result. Each computing step will be printed on the console. Finally you will see the final result showed at the end. If there were any invalid numbers or operations in files the calculator would express that. The calculator supports +, -, *, /, and % operations.

How to build the software

- 1) Decompress the project0-3-hanchen.tar.gz file to any directory you want.
- 2) Open terminal, use commands to go to the directory which you decompressed the file just.
- 3) Type command "make" to compile the calc.c file.

How to use the software

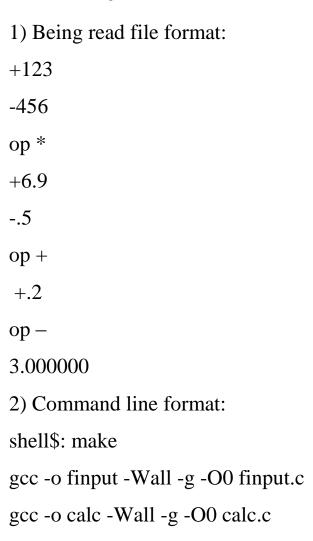
To create your own TXT file to execute your own calculating operations by rules, such as using valid numbers, using valid operation commands like "op(space)(+, -, *, /, or %)", and putting each number or operation in single line.

How you tested your software

1) Trying to input the filename not existed.

- 2) Trying to input couple filenames at same time, and some of them are not existed.
- 3) Trying to create files which have both valid and invalid numbers and operations and to execute them. Some of my test files are in myTests folder.
- 4) Trying to open other types of file.

Examples



shell\$: ./calc tests/test1.txt

Known bugs and problem areas

If users input one or couple spaces in one line for creating their own TXT files, the program will determine that one or those spaces to be valid number 0.