



infin_calc

Summary:

Version: 1

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Chapter I

Introduction

Wouldn't it be nice to have our own calculator?

Chapter II

Mandatory part

Program name	infin_calc
Turn in files	*.c
Turn in Directory	ex00/
Makefile	No
Arguments	
External functs.	write, malloc, free
Libft authorized	No
Description	WWrite a program that calculates

Write a program that takes as a parameters at least three strings, representing two numbers potentially infinite and the operation to do.

The result must be displayed on stdout.

A negative number will always be prefixed by one and only one -. The only characters that can be part of the strings are digits and the sign -.

Parameters will always be properly formatted, no tricks.

The sign for addition is "+" and for multiplication is "*".

There are a few tasks to complete:

- Handle 2 numbers and addition
- Handle 2 numbers and multiplication
- Handle an infinite quantity of numbers and addition
- Handle an infinite quantity of numbers and multiplication
- Handle an infinite quantity of numbers and combine addition and multiplication

Your program will be thoroughly tested to see which tasks you can complete. Grading will be based on it.

Here are a few examples:

```
$> ./infin_calc "1" "+" "1"
2
$> ./infin_calc "1" "*" "1"
1
$> ./infin_calc "87987" "*" "675489" "*" "12"
713211007716
$> ./infin_calc "2048" "+" "-256" "+" "1024"
2816
$> ./infin_calc "-807965" "*" "12908" "+" "12345" "*" "98765"
-9209958295
```

Chapter III

Submission and peer-evaluation

Turn in your assignment in your `Git` repository as usual. Only the moulinette will evaluate your work, so make sure everything works perfectly.