B1 - Unix & C Lab Seminar

B-CPE-101

InfinAdd

Infinite Addition

{EPITECH.}

InfinAdd

binary name: infin_add
language: C
compilation: via Makefile, including re, clean and fclean rules

- The totality of your source files, except all useless files (binary, temp files, obj files,...), must be included in your delivery.

You are not allowed to use any system functions, except *write, malloc and free*.

You must write a program that performs an infinite addition.
This program must take two strings (both of which represent numbers) as parameters and then write a string on the standard output that represents the result of the sum.
The displayed string is the result of adding both of these strings together.

Your repository must have a `Makefile` that includes the following rules: **all, clean, fclean, re**. It must not relink when not necessary. It must build your library if needed (we will not do it for you!).

The result must be displayed **without** spaces. No zeros can come before the result.
A negative number will be preceded by one, **and only one**, minus sign.

Your main function must return 0.

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Examples

```
Terminal                                                          −  +  x
~/B-CPE-101> ./infin_add "-876435" "987143265" | cat -e
986266830$
~/B-CPE-101> ./infin_add "-807965" "-34532" | cat -e
-842497$
~/B-CPE-101> ./infin_add "435439435845843984358439" "4535976678566582218241234325
4343435433339459569" | cat -e
4535976678566582218241277869377928127732381 8008$
```