

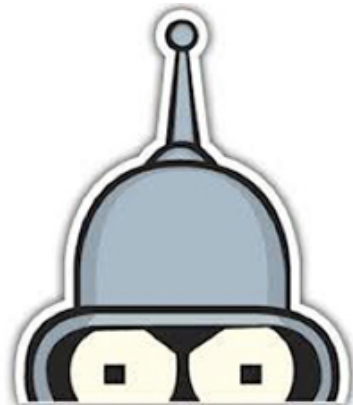


B2 - Stumpers

B-CPE-210

Arg Joiner

Solo Stumper





Arg Joiner

binary name: `arg_joiner`

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.
- Error messages have to be written on the error output, and the program should then exit with the 84 error code (0 if there is no error).



For this project, the **only** authorized function is `write`.

Joining a list of strings is the process of concatenating each string to each other, with a separator in between each of them.

Write a program that takes at least 2 parameters.

The second-to-last argument is considered to be the *separator*, the last argument is considered to be the *final separator*, and all the other arguments are considered to be the strings to join.

The program must display the strings joined to each other with the *separator*.

However, the last junction must be done with the *final separator* instead.

Finally, the displayed string must be followed by a newline.

If there is no string to join, a newline is displayed.

EXAMPLES

```
Terminal
~/B-CPE-210> ./arg_joiner "Hugo" "Jeremy" "Garance." ", " " and " | cat -e
Hugo, Jeremy and Garance.$
~/B-CPE-210> ./arg_joiner "Compans" "Caffarelli" " as well as " "-"
Compans-Caffarelli
~/B-CPE-210> ./arg_joiner "some" "kind" "of" "login" "myemail.net" "-" "@"
some-kind-of-login@myemail.net
~/B-CPE-210> ./arg_joiner "Jigglypuff" "or" "Mudkip?" | cat -e
Jigglypuff$
~/B-CPE-210> ./arg_joiner "chocolatine" "GORILLA" | cat -e
$
~/B-CPE-210> ./arg_joiner 2>/dev/null ; echo "Exit status: $?"
Exit status: 84
```