

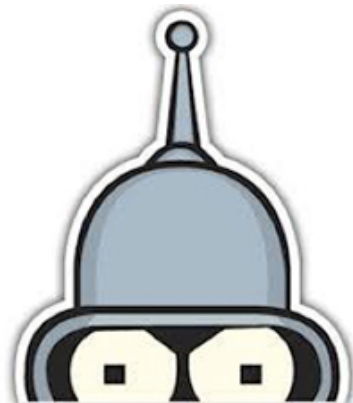


B2 - Stumpers

B-CPE-210

Clean String

Solo Stumper



3.0



Clean String

binary name: clean_str

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`.

Write a program that takes a string and displays the words it contains separated by a single space, followed by `\n`.

A word is a string separated either by spaces or tabulations.
If no parameters are passed, the program only displays `\n`.



In the output, there must be only one space between each word and no spaces at the beginning or the end.

```
Terminal
~/B-CPE-210> ./clean_str "abc cba abc cab cba" | cat -e
abc cba abc cab cba$
~/B-CPE-210> ./clean_str " Remus and Romulus are the two mammals of Rome " | cat
-e
Remus and Romulus are the two mammals of Rome$
~/B-CPE-210> ./clean_str "$(echo -ne "\tHello\t\t how are you?\t ")" | cat -e
Hello how are you?$
~/B-CPE-210> ./clean_str && echo "Exit status: $?"
Exit status: 0
```