

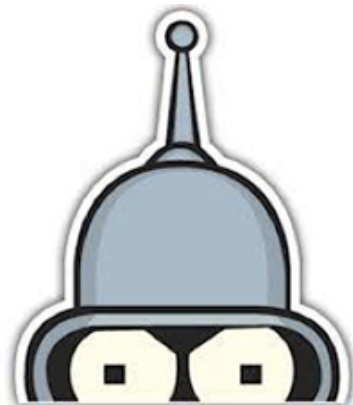


B2 - Stumpers

B-CPE-210

Count Words

Solo Stumper



3.0



Count Words

binary name: countwords

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 functions are `write`, `malloc`, `free` and `printf`.

Write a program that takes a string as parameter and prints the number of occurrences of each word on a separate line.

If no parameters are passed, the program only displays `\n`.

Words are to be sorted by their order of appearance in the string.



Word are strings of characters separated either by spaces or tabulations.

EXAMPLES

```
Terminal
~/B-CPE-210> ./countwords "$(echo -ne "\tit's not a book\t it's a book book\t ")
| cat -e
it's: 2$
not: 1$
a: 2$
book: 3$
~/B-CPE-210> ./countwords && echo "Exit status: $?"
Exit status: 0
```