

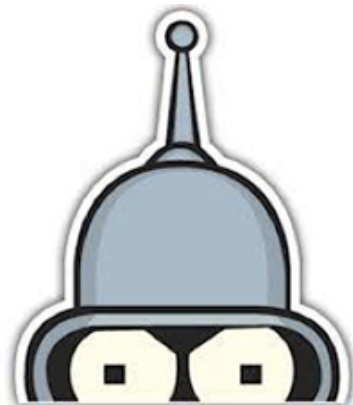


B2 - Stumpers

B-CPE-210

Geek Name Formatter

Solo Stumper



3.0



Geek Name Formatter

binary name: `geekNameFormatter`

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 as parameter representing a name and pretty prints it, according to the following rules:

- the name can be composed of several words, containing letters, numbers or any printable characters,
- the characters of every word of the name must be printed alternatively in upper case and in lower case, starting with a capital letter,
- all the 'o's must be replaced by '0's,
- all the 'i's must be replaced by '1's,
- all the 'u's must be replaced by '2's,
- all the 'e's must be replaced by '3's,
- all the 'a's must be replaced by '4's,
- all the 'y's must be replaced by '5's.

```
Terminal
~/B-CPE-210> ./geekNameFormatter 'santa Tomato!KETCHUP/' / cat -e
S4Nt4 TOM4TO!k3tCh2p/$
~/B-CPE-210> ./geekNameFormatter >/dev/null || echo "Exit status: $?"
Usage: geekNameFormatter string
Exit status: 84
```