



## B2 - Stumpers

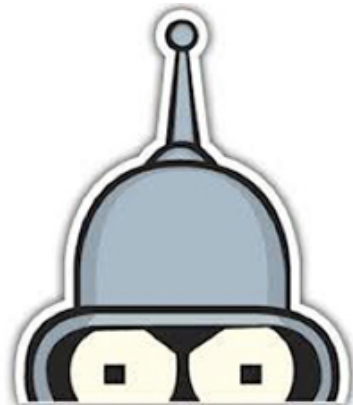
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B-CPE-210

# Boxer Name Formatter

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Solo Stumper



3.0



# Boxer Name Formatter

binary name: boxerNameFormatter

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:

- a name is composed of a first name followed by a nickname and a last name,
- the first name and the last name can both be composed of several words,
- the nickname starts with "the", and is composed of 1 word or a series of words separated by '-',
- the nickname must be surrounded by double quotes,
- the first letters of every word must be printed in upper case, except for 'the'; the others in lower case,



All the strings given will be well formed, with a correct first name, a correct nickname and a correct last name.

```
Terminal
~/B-CPE-210> ./boxerNameFormatter "rubin tHe HURRIcane carTER" | cat -e
Rubin "the Hurricane" Carter$
~/B-CPE-210> ./boxerNameFormatter "matthew billy the deadly-black-panther van der
brrischt" | cat -e
Matthew Billy "the Deadly-Black-Panther" Van Der Brrischt$
~/B-CPE-210> ./boxerNameFormatter >/dev/null || echo "Exit status: $?"
Usage: boxerNameFormatter string
Exit status: 84
```