



# B2 - Stumpers

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B-CPE-210

## Tail

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Duo Stumper





# Tail

binary name: tail  
repository name: CPE\_duostumper\_\$(STUMPERNUMBER)\_\$(ACADEMICYEAR)  
repository rights: ramassage-tek  
language: C  
compilation: via Makefile, including re, clean and fclean rules



- Your repository must contain the totality of your source files, but no useless files (binary, temp files, obj files,...).



The \$(STUMPERNUMBER) is always on one digit: 1, 2, ...



For this project, the **only** authorized functions are `write`, `malloc`, `free`, `open`, `close` and `read`.

The goal of this exercise is to code a program in C that will reproduce the behavior of the **tail** shell command. You must implement the following options:

- `-c, --bytes`
- `-n, --lines`
- `-q, --quiet, --silent`
- `-v, --verbose`

All of these options must be able to be combined and have a behavior that is identical to the original command.



Your error messages and exit codes must be identical to the real tail binary.