



B2 - Stumpers

B-CPE-210

Tree

Duo Stumper





Tree

binary name: tree
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`, `opendir`, `closedir`, `readdir` and `stat`.

The goal of this exercise is to code a program in C that will reproduce the behavior of the **tree** shell command when it's used with the option `--charset=ASCII`.

You must implement the following options:

- `-a`
- `-d`
- `-L`
- `-f`

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 tree binary.