



C Piscine

Day 24

The Spy Who Coded me

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Summary: THE FOLLOWING TAKES PLACE BETWEEN 12.00 A.M. AND 1.00 A.M.

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Chapter 1

Instructions

- The exercises are carefully laid out in order of difficulty, from easiest to hardest. An exercise is only graded if all previous ones are correct. In other words: the grading for a day stops at the first mistake.
- Be mindful of the submission procedures indicated at the start of every exercise.
- Your exercises will be checked and graded by your fellow classmates.
- On top of that, your exercises will be checked and graded by a program called Moulinette.
- Moulinette is very meticulous and strict in its evaluation of your work. It is entirely automated and there is no way to negotiate with it. Be as thorough as possible!
- Moulinette relies on a program called **norminette** to check if your files respect the Norm. An exercise containing files that do not respect the Norm will be graded 0.
- Using a forbidden function is considered cheating. Cheaters get -42, and this grade is non-negotiable.
- If **ft_putchar()** is an authorized function, we will compile your code with our **ft_putchar.c**.
- You'll only have to submit a **main()** function if we ask for a program.
- Moulinette compiles with these flags: **-Wall -Wextra -Werror**, and uses **gcc**.
- If your program doesn't compile, it will be graded 0.
- You should not leave any additional file in your directory than those specified in the subject.



For this day, **norminette** is launched without any particular flag!

Chapter 2

Dr Evil III

« Gentlemen, ladies, with the desertion of Scott, we can move on the second phase of my plan. »

I pressed a button and a huge diorama came down from the ceiling. I always loved dioramas.

« Our plan is simple but deadly. We'll kidnap the president and lock him into the cell called « crawl space ». Once in the « crawl space », we'll ask for a hundred million...

- Kof, kof, coughed No. 42

- Millions... Dollars...

- KOF, KOF.

- Bitcoins ! Hundred millions of bitcoins ! If the government of the world refuse to pay, we'll attach a « bomb » to him and make the « moon » explode ! And unlike in the Return of the Jedi, this will have real consequences. The shunks of « moon » will enter atmosphere et annihilate every bit of life on earth. Gentlemen, ladies, this is the perfect plan. Evil laughs for everybody ! »

I pressed another button and the small version of the moon exploded above the diorama representing earth. A dense smoke appeared. End of the game.

« Muah ! Muah ! Muahaha ! Muahahaha ! Muahaha ! Muah ! Muah ! Muahaha ! Muahahaha ! Muahaha ! Muah ! Muah ! Muahaha ! Muahahaha ! Muahaha ! Muah ! Muah ! Muahaha ! Muahahaha ! Muahaha ! Muah ! Muah ! Muahaha ! Muahahaha ! Muahaha ! Muah ! Muah ! Muahaha ! Muahahaha ! Muahaha ! Muah ! Muah ! Muahaha ! Muahahaha ! Muahaha ! Muah ! Muah ! Muahaha ! Muahahaha ! »

« Dr Evil, said No 42 in the middle of my evil laugh, how did you plan to find the President ? »

Chapter 3

where_am_i.sh

Before proceeding with his plan, Dr Evil must locate the President... with his IP address.

Turn-in directory : ex09/

Files to turn in: where_am_i.sh

Allowed functions: None

- Create a file **where_am_i.sh** which displays the IP[s] of the computer on the network [in IPV4 format], on the standard output. One IP per line.
- If no IP address is found, display **Je suis perdu!** followed by a line break.