



C Piscine

Day 24

The Spy Who Coded me

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Summary: THE FOLLOWING TAKES PLACE BETWEEN 6.00 P.M. AND 7.00 P.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

Austin Powers II

« This way, Sweet Donnie, the secret entrance to my bunker is inside the jacuzzi...

- If it's another of your trickery, Austin, i'll save the world on my own. And stop calling me sweet or whatever ! »

Donnie is though. Graou. Putin the temperature at 69 degrees, the jacuzzi empty itself and reveal the secret entrance to my secret club.

We went down a spiral straircase and opened a luxurious door.

« Welcome to the backroom of Electric Psychedelic Pussycat Swingers Club !

- What is thgis musique ? asked Donnie.

- 70's my an.. Baby ! My fans are always ready to make a small party like if there was no tomorrow. Follow men i'll give you a quick tour ! »

As we went through the dance floor, we had to push the sollicitations of hundreds of almost naked people wearing fluorescent clothes and with excentric hairs.

« Donnie, here is the best of the best of the resistance - in the underworld, they're called "Bocal" !

- Austin, it's great, we might have a change to finish Dr Evil for good...

- Come, i'll show you the War Room... »

Taking Donnie's hand, i took here to the end of the club going through a secured door : the door of my room.

Once inside the room, i jumped on the water mattress as Burt Bacharach was being heared in the speakers.

« I think there is a bomb in this mattress, baby.

- It's not the time to think about it, Dr Evil...

- No... There really is a bomb in this mattress ! »

Chapter 3

defuse.sh

Tic toc, tic toc... Will you be able to defuse the bomb
Nick Bomber placed in the Bocal ?

Turn-in directory : ex03/

Files to turn in: defuse.sh

Allowed functions: None

- Create a file **defuse.sh** which will subtract a second off the **timestamp** [time since Epoch in seconds] from the last access to the file **bomb.txt**, and display it on the standard output, followed by a line break. The **bomb.txt** file will be supplied in the same folder.
- No imposed limits of shell command-line usage for this exercise. Go nuts, be creative !