C Piscine

Day 24

The Spy Who Coded me

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Summary: *THE FOLLOWING TAKES PLACE BETWEEN 1.00 P.M. AND 2.00 P.M.*

Contents

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

Donnie Matrix V

It's finally over. Austin has vanquished Dr. Evil and handcuffed him - pink fur handcuffs, but remarkably solid. He assured me that he found them in the garden, but I'm find that hard to believe. Anyway... I would have hard time to believe our first meeting. Now, after all the hardships we have been through, I'm turning a blind eye.

« Austin, the President is saved, the world is saved.
- The evil HQ of Dr Evil ?
- Being searched as we speak, I apprehended the last anonymous hench-man at the Elysee Palace, he ended his life with a cyanide capsule, smiling. His family was notified.
- Women-bots at your image ?
- All disabled, I'm the last Donnie Matrix standing. They're is still one in that tool shed, but its software was formatted.
- So if everything is repaired... Should we...
- Oh, Austin, behave ! »

I succumb to my instincts. I approach Austin and kissed his lips. Nothing will ever separate me from him, I vowed.

« 7…
- Sorry Austin, what did you say ?
- 22…
- Isn't you that...
- 11…
- I know that sound…
- 34…
- Austin, BOMB ! »

Dr. Evil has left a final gift. I notice the dead body of an android getting up, the eyes full of hate.

I throw myself at the female-bot ready to explode.

Chapter 3

save_donnie.sh

Defuse Dr Evil's bomb ! You wouldn't want anything bad to happen to Donnie Matrix, would you ?

Turn-in directory : ex22/

Files to turn in: save_donnie.sh

Allowed functions: None

- Create a file save_donnie.sh which prevents the file donnie.txt from being erased.

- We will add **rm -f donnie.txt** at the end of your file.

> 💡 **Be creative ! The file donnie.txt must always remain.**

> ⚠️ **It is impossible to modify / move / bite / eat / ... Donnie :-]**