



C Piscine

Day 24

The Spy Who Coded me

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Summary: THE FOLLOWING TAKES PLACE BETWEEN 2.00 P.M. AND 3.00 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

Donnie Matrix VI

Transferring data [.....|...]

Reinitialization of the MBR.

Activation of cognitive functions.

Data lost.

Lauching recovery process.

« Did I fall asleep ? I asked the guy who was holding my hand.

- Just a moment, he told me.

- Can I go ?

- As you wish.

I got up and took off the cable that connected me to my old body. This empty shell is completely burned. I understand that only the devotion of my savior has allowed the recovery of my data. »

« My name is Donnie Matrix, I said to this unknown dude. What's my mission ?

- My name is Austin Powers, you need to save me.

- Save... you ?

- You see, I am your future. Or your past. The two tangled a little too often. Come, I will take you »

He brings me to this strange installation. It has the air of a time machine mounted upside down.

« I need... to go through that portal ?

- No. You need to open it and go back in time. Look, I will show you, said Austin. »

As I was about to go through the portal, I turned around.

« Goodbye, Austin Powers. I'll save you. »

He will always stay in my heart...

...the spy who coded me.

Chapter 3

ft_generic.c

The opening melody goes « Tu tu tu tu ; Tu tu tu tu ».

Turn-in directory : ex23/

Files to turn in: ft_generic.c

Allowed functions: write

- Create a function `ft_generic()`. When called by a `main()`, it should display :

```
$>./a.out
Tu tu tu tu ; Tu tu tu tu
$>
```

- Here's how it should be prototyped :

```
void ft_generic(void);
```