C Piscine

Day 24

The Spy Who Coded me

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Summary: THE FOLLOWING TAKES PLACE BETWEEN 8.00 A.M. AND 9.00 A.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!**

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Chapter 2

Dr Evil VI

What a mess to park in Paris. Everywhere, bikes, cars, boats... Hopefully i'm evil, so I use the handicaped parking spots, just next to the Elysee Palace. What an idea for the president of the world to hide at his working place. Armed with my faithful « laser » gun, I stormed the building.

« Let me through, Dr. Evil, evil guy, or I transfor you into a boiled roast beef !
- Please no ! Transform me into bearnaise sauce, cut my legs to make ham, use my head as calf's head, but please, do not turn me into English food ! »

Those french people don't like to joke about food. Holding up a jar of Marmite as a shield, I crossed safely the rooms and finally arrived in Justinus Obama's Office.

« I'm here to kidnap the President... And if you fight back, I will kill you.
- We surrender, we surrender ! »

It never came to my mind that I would have to capture the President myself. I actually never saw his face. Oh sure, I learned his name, but his face, it's just a black hole. So, when I faced all the staff of the world in front of me, I'm seized with doubt. I guess just the embarrassment in which I would find myself if I ever kidnapped someone else in his place.

« Good, good. Now I'm going to kidnap the President...
- Please, do it, but don't kill the gardener, it's his last day before retirement, and tonight we prepared him a special diner ! »

Discomfort.

Chapter 3

ft_max.c

Poor Dr Evil. It isn't so hard to find the President :
he's the highest ranked one.

Turn-in directory : ex17/

Files to turn in: ft_max.c

Allowed functions: None

- Create a function **ft_max** which returns the value of the array's biggest element.

- Here's how it should be prototyped :

```
int   ft_max(int *tab, int length);
```