C Piscine

Day 24
The Spy Who Coded me

Staff 42 pedago@42.fr

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

Contents

Chapter I

Instructions

- Only this page will serve as reference: do not trust rumors.

- Watch out! This document could potentially change up to an hour before submission.

- Make sure you have the appropriate permissions on your files and directories.

- You have to follow the submission procedures for 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. So if you want to avoid bad surprises, be as thorough as possible.

- Moulinette is not very open-minded. It won't try and understand your code if it doesn't respect the Norm. Moulinette relies on a program called `Norminator` to check if your files respect the norm. TL;DR: it would be idiotic to submit a piece of work that doesn't pass `Norminator`'s check.

- These exercises are carefully laid out by order of difficulty - from easiest to hardest. We `will not` take into account a successfully completed harder exercise if an easier one is not perfectly functional.

- 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, you'll get `0`.

- You <u>cannot</u> leave <u>any</u> additional file in your directory than those specified in the subject.

- Got a question? Ask your peer on the right. Otherwise, try your peer on the left.

- Your reference guide is called `Google / man / the Internet / ...`.

- Check out the "C Piscine" part of the forum on the intranet.

- Examine the examples thoroughly. They could very well call for details that are not explicitly mentioned in the subject...

- By Odin, by Thor ! Use your brain !!!

Chapter II

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 III

ft__max.c

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

	Exercice : 17
	ft__max.c
Turn-in directory : *ex17/*	
Files to turn in : `ft_max.c`	
Allowed functions : `Nothing`	
Remarks : `n/a`	

- 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);
```