C Piscine

Day 24
The Spy Who Coded me

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Abstract: *THE FOLLOWING TAKES PLACE BETWEEN 8.00 P.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 II

« Incompetents ! INCOMPETENTS ! »

I'm angry even if it's not advised with a metabolism like mine. The plan was simple, just killing Austin Powers. Instead of that, the bomb didn't explode and they are on their way to my female-bot factory ?

« No 42 ! Bring me those responsible so that i can make an example for the others.
- Awesome, laughed Scott. One more time, the plan was an incarnation of crap. If you really wanted to destroy Austin, why send him an easy to disarm bomb with a letter explaining your evil plan ? Why not using an air strike ?
- Scott, I am the brain of this operation. Don't play in with the grown-ups if you don't even have a beard yet !
- I HATE YOU. I HATE YOUT. I HOPE THAT AUSTIN POWERS WILL DESTROY YOUR FACTORY ! »

Scoot left the meeting room running ridiculously. Note to myself : switch his juice brick with C4.

« Bring the accused in !
- Thanks, Frau. Let's proceed with the inspection. Who's got the best aptitude tests results ?

Between the 3 anonymous henchman in the room, the tallest rose his hand showing 5 fingers.

« Thanks, you're dismissed. Good... Who got the worst results ? »

The smallest rose his hand showing 2 fingers.

« For your honnesty, you too, are dismissed. »

I lowered my eyes... In front of me, 3 buttons, one for each henchman. A certain death in a lava lake awaits the middle henchman !

Chapter III

ft_button.c

Help Dr Evil choose which button to press.
HINT : it's the one in the middle.

	Exercice : 05
	ft_button.c
Turn-in directory : *ex05/*	
Files to turn in : `ft_button.c`	
Allowed functions : `Nothing`	
Remarks : `n/a`	

- Create a function `ft_button` which takes three `ints` as argument and returns the middle value.

- Here's how it should be prototyped :

```
int ft_button(int i, int j, int k);
```

To know more about the middle value, read the foreword section...