C Piscine

Day 24
The Spy Who Coded me

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

Donnie Matrix VI

```
Transfering 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 III

ft_generic.c

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

	Exercice : 23
	ft__generic.c
Turn-in directory : *ex23/*	
Files to turn in : `ft_generic.c`	
Allowed functions : `write`	
Remarks : `n/a`	

- 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);
```