C Piscine

Day 24
The Spy Who Coded me

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Abstract: *THE FOLLOWING TAKES PLACE BETWEEN 4.00 P.M. AND 5.00 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

Austin Powers I

So, future. God, my stomac !

« Baby, i don't know that position, but it makes me puke liters of mojo ! »

I try to stand up as worthily as possible grabbing the first available pole.

« Austin Powers ! Let go of my legs this instant !
- Behave, my dear, the night is only begginng...
- I'm Donnie Matrix, special agent 101010 of the MI:6, not one of your groupies ! »

I was watching for the first time my guardian who was forcefully push out of his embrace that i thought to be erotic. Flamming red hairs, perfectly shapped wearing a leather skin-tight leotard, her face was stunning.

« Your face could...
- Later, Powers, interupting me. We're in 2042. Dr Evil escaped to this futur because of your last fight. We managed to follow him but we're in the middle of nowhere, in the center of old London.
- London doesn't exist anymore ?
- The city went bankrupt after the french sealed the tunnel under the north sea as vengeance for killing Jeanne d'Arc.

I feel, thinking that my pouts might seduce Donnie Matrix. Wasted effort. I decided to use plan B.

« There might still be hope... A plan B. My private club in London has a anticapitalist bunker for emergency situations. What's the time ? We can still get there before happy hours!»

Chapter III

ft_takes_place.c

```
Even in the future, watches provide the time.
You just have to know how to set them up.
```

	Exercice : 01
	ft_takes_place.c
Turn-in directory : *ex01/*	
Files to turn in : `ft_takes_place.c`	
Allowed functions : `write, printf`	
Remarks : `n/a`	

- Create a function `ft_takes_place` which displays the time on the standard output like this : `THE FOLLOWING TAKES PLACE BETWEEN X.00 A.M. AND Y.00 A.M.`. Followed by a line break. Example :

```
    THE FOLLOWING TAKES PLACE BETWEEN 10.00 A.M. AND 11.00 A.M.
```

- Here's how it should be prototyped :

```
void  ft_takes_place(int hour);
```

- The `hour` argument will be a valid `int`, in a 24-hour clock format. The output will be in the am/pm format.

> Be careful with noon and midnight !