C Piscine

Day 24

The Spy Who Coded me

Staff 42 **pedago@42.fr**

Summary: *THE FOLLOWING TAKES PLACE BETWEEN 3.00 P.M. AND 4.00 P.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.

> (i) **For this day, norminette is launched without any particular flag!**

Chapter 2

Donnie Matrix I

1972. I need to save Austin Powers.

As i'm going through the big opened doors of Dr Evil's lair, i hear Austin fighting with his ennemy. Battle screams echoes in the corridor « Judo chop ! Judo chop ! ». Vivid lights flooding my senses : autodestruction's alarm is activated.

I don't have much time left when i finally arrive where confrontation is taking place. But it's already too late : Dr Evil escaped and Austin is lying unconscious on the ground.

« Shaking his body i screamed, Austin ! Austin !
- Dr… Evil… soporific gaz… catch him…
- It's not the time to lie down, everything is gonna blow, we need to leave, Dr Evil used the reverse timetravel machine. He's in the futur now ...»

I slapped Austing to make him come back to his senses.

« Dr Evil planned to corrupt the present using the future of the past. History will be rewritten if you don't act now...
- SELFDESTRUCT IN 7 SECONDES.
- ... in 7 secondes ! »

I rushed at the reverse timetravel machine's console. Destination ... 2042 ? I switched it on and went back to Austin.

« UP, UP! We only have...
- SELFDESTRUCT IN 11 SECONDES.
- couple of secondes...
- SELFDESTRUCT IN 22 SECONDES.
- before the end...
- SELFDESTRUCT IN 34 SECONDES. »

With a psychedelic flash of light, we went through the time portal to an uncertain future...

Chapter 3

ft_generic.c

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

Turn-in directory : ex00/

Files to turn in: ft_generic.c

Allowed functions: write

- 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);
```