C Piscine

Day 24

The Spy Who Coded me

Staff 42 **pedago@42.fr**

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

Contents

Chapter 1

Instructions

- The exercises are carefully laid out in order of difficulty, from easiest to hardest. The grading for the day will NOT stop 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

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 3

ft_button.c

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

Turn-in directory : ex05/
Files to turn in: ft_button.c
Allowed functions: None

- 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...