C Bootcamp

Day 24
The Spy Who Coded me

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

ft_generic.c

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

	Exercise 00
	ft_generic.c
Turn-in directory : *ex00/*	
Files to turn in : `ft_generic.c`	
Allowed functions : `write`	
Notes : `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);
```