

C Piscine

Day 24
The Spy Who Coded me

Staff 42 pedago@42.fr

Abstract: THE FOLLOWING TAKES PLACE BETWEEN 6.00 P.M. AND 7.00 P.M.

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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 cannot leave any 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 II

« This way, Sweet Donnie, the secret entrance to my bunker is inside the jacuzzi...
- If it's another of your trickery, Austin, i'll save the world on my own. And stop calling me sweet or whatever ! »

Donnie is though. Graou. Putin the temperature at 69 degrees, the jacuzzi empty itself and reveal the secret entrance to my secret club.

We went down a spiral staircase and opened a luxurious door.

« Welcome to the backroom of Electric Psychedelic Pussycat Swingers Club !
- What is thgis musique ? asked Donnie.
- 70's my an.. Baby ! My fans are always ready to make a small party like if there was no tomorrow. Follow men i'll give you a quick tour ! »

As we went through the dance floor, we had to push the sollicitations of hundreds of almost naked people wearing fluorescent clothes and with excentric hairs.

« Donnie, here is the best of the best of the resistance - in the underworld, they're called "Bocal" !
- Austin, it's great, we might have a change to finish Dr Evil for good...
- Come, i'll show you the War Room... »

Taking Donnie's hand, i took here to the end of the club going through a secured door : the door of my room.


Once inside the room, i jumped on the water mattress as Burt Bacharach was being heard in the speakers.

« I think there is a bomb in this mattress, baby.
- It's not the time to think about it, Dr Evil...
- No... There really is a bomb in this mattress ! »

Chapter III

defuse.sh

Tic toc, tic toc... Will you be able to defuse the bomb
Nick Bomber placed in the Bocal ?

	Exercice : 03
	defuse.sh
	Turn-in directory : <i>ex03/</i>
	Files to turn in : defuse.sh
	Allowed functions : Nothing
	Remarks : <i>n/a</i>

- Create a file `defuse.sh` which will subtract a second off the `timestamp` (time since Epoch in seconds) from the last access to the file `bomb.txt`, and display it on the standard output, followed by a line break. The `bomb.txt` file will be supplied in the same folder.
- No imposed limits of shell command-line usage for this exercise. Go nuts, be creative !