



# C Piscine

Day 24

The Spy Who Coded me

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*Summary: THE FOLLOWING TAKES PLACE BETWEEN 5.00 P.M. AND 6.00 P.M.*

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# 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.



For this day, norminette is launched without any particular flag!

# Chapter 2

## Dr Evil I

Even in future, i need to admit that my secret headquarters are classy. This Paris version is my most beautiful creation. The evil atmosphere hit 10 on the evilometer.

« Now that we're all here, let me make the introductions, said a young one-eyed guy. I'm number 42, grand son of number 2, your right-hand man. Our team is a little reduced. Your clone, Mini-Me, is in depression and is represented by Mr Bigglesworth Jr Jr Jr Jr Jr Jr II, descendant of your domestic feline. Your son, followed you in the temporal vortex and arrived just a little before you. And about the delicious Frau Farbissina, well she didn't age.»

« Mister, said number 42, since your jump in time, you'll noticed that many things changed. We invested our venture capital in a IT course since 2012 to ensure our worldwide domination inspired by the H.G. Wells distopia...

- Bla, bla, bla, No 42, bla bla bla. Enough with the numbers, did you succeed in conquering the world or must i do everything myself ?
- Our almni network is effective...
- Bla bla bla bla ? Bla bla bla bla ?
- But...
- BLA ! BLA ! »

It's really time that i come back from the past to take care of it.

« The new priority of this... « school » is to wipe out Austin Powers et kidnapp the president of the world for a « ransom ». I suppose there is now a president of the world ?

- Yes, confimed Scott, but that plan is even more stupid than the others, it's Justinus Obama, the old director from...
- BLABLABLABLA ! Let's begin with phase 1 ! Frau Farbissina, find me a demolisher available so that he makes Austin Powers explode !
- Give me the PHONE ! »

# Chapter 3

## find\_nicolas\_bomber.sh

Frau Farbissina must find Nick Bomber's contact details in the phonebook.

Turn-in directory : ex02/

Files to turn in: find\_nicolas\_bomber.sh

Allowed functions: None

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- Create a file `find_nicolas_bomber.sh` which will display the number for all Nicolas Bomber from the phonebook passed as argument.
- Your program will be called with `sh find_nicolas_bomber.sh phonebook`



You'll probably miss a few !