



## C Piscine

Day 24  
The Spy Who Coded me

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

## 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 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 world-wide 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 alumni 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 III

## find\_nicolas\_bomber.sh

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

	Exercice : 02
	find_nicolas_bomber.sh
	Turn-in directory : <i>ex02/</i>
	Files to turn in : <code>find_nicolas_bomber.sh</code>
	Allowed functions : <code>Nothing</code>
	Remarks : <code>n/a</code>

- 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 !