



## C Piscine

Day 24  
The Spy Who Coded me

Staff 42 [pedago@42.fr](mailto:pedago@42.fr)

*Abstract: THE FOLLOWING TAKES PLACE BETWEEN 12.00 A.M. AND 1.00  
A.M.*

# Contents

<b>I</b>	<b>Instructions</b>	<b>2</b>
<b>II</b>	<b>Dr Evil III</b>	<b>4</b>
<b>III</b>	<b>where_am_i.sh</b>	<b>5</b>

# 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 III

« Gentlemen, ladies, with the desertion of Scott, we can move on the second phase of my plan. »

I pressed a button and a huge diorama came down from the ceiling. I always loved dioramas.

« Our plan is simple but deadly. We'll kidnap the president and lock him into into the cell called « crawl space ». Once in the « crawl space », we'll ask for a hundred million...

- Kof, kof, coughed No. 42

- Millions... Dollars...

- KOF, KOF.

- Bitcoins ! Hundred millions of bitcoins ! If the government of the world refuse to pay, we'll attach a « bomb » to him and make the « moon » explode ! And unlike in the Return of the Jedi, this will have real consequences. The shunks of « moon » will enter atmosphere et annihilate every bit of life on earth. Gentlemen, ladies, this is the perfect plan. Evil laughs for everybody ! »

I pressed another button and the small version of the moon exploded above the diorama representing earth. A dense smoke appeared. End of the game.


« Muah ! Muah ! Muahaha ! Muahahaha ! Muahaha ! Muah ! Muah ! Muahaha ! Muahahaha ! Muahaha ! Muah ! Muah ! Muahaha ! Muahahaha ! Muahaha ! Muah ! Muah ! Muahaha ! Muahahaha ! Muahaha ! Muah ! Muah ! Muahaha ! Muahahaha ! Muahaha ! Muah ! Muah ! Muahaha ! Muahahaha ! Muahaha ! Muah ! Muah ! Muahaha ! Muahahaha ! »

« Dr Evil, said No 42 in the middle of my evil laugh, how did you plan to find the President ? »

# Chapter III

## where\_\_am\_\_i.sh

Before proceeding with his plan, Dr Evil must locate the President... with his IP address.

	Exercice : 09
	where_am_i.sh
	Turn-in directory : <i>ex09/</i>
	Files to turn in : <i>where_am_i.sh</i>
	Allowed functions : <i>Nothing</i>
	Remarks : <i>n/a</i>

- Create a file `where_am_i.sh` which displays the IP(s) of the computer on the network (in IPV4 format), on the standard output. One IP per line.
- If no IP address is found, display `Je suis perdu!` followed by a line break.