



C Piscine

Day 24  
The Spy Who Coded me

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*Abstract: THE FOLLOWING TAKES PLACE BETWEEN 1.00 P.M. AND 2.00 P.M.*

# Contents

|            |                        |          |
|------------|------------------------|----------|
| <b>I</b>   | <b>Instructions</b>    | <b>2</b> |
| <b>II</b>  | <b>Donnie Matrix V</b> | <b>4</b> |
| <b>III</b> | <b>save_donnie.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

## Donnie Matrix V

It's finally over. Austin has vanquished Dr. Evil and handcuffed him - pink fur handcuffs, but remarkably solid. He assured me that he found them in the garden, but I'm find that hard to believe. Anyway... I would have hard time to believe our first meeting. Now, after all the hardships we have been through, I'm turning a blind eye.

« Austin, the President is saved, the world is saved.

- The evil HQ of Dr Evil ?
- Being searched as we speak, I apprehended the last anonymous henchman at the Elysee Palace, he ended his life with a cyanide capsule, smiling. His family was notified.
- Women-bots at your image ?
- All disabled, I'm the last Donnie Matrix standing. They're is still one in that tool shed, but its software was formatted.
- So if everything is repaired... Should we...
- Oh, Austin, behave ! »

I succumb to my instincts. I approach Austin and kissed his lips. Nothing will ever separate me from him, I vowed.

« 7...

- Sorry Austin, what did you say ?
- 22...
- Isn't you that...
- 11...
- I know that sound...
- 34...
- Austin, BOMB ! »


Dr. Evil has left a final gift. I notice the dead body of an android getting up, the eyes full of hate.

I throw myself at the female-bot ready to explode.

# Chapter III

## save\_donnie.sh

Defuse Dr Evil's bomb ! You wouldn't want anything bad to happen to Donnie Matrix, would you ?

|   |  |
|---|--|
|  | Exercice : 22                            |
|   | save_donnie.sh                           |
|   | Turn-in directory : <i>ex22/</i>         |
|   | Files to turn in : <i>save_donnie.sh</i> |
|   | Allowed functions : <i>Nothing</i>       |
|   | Remarks : <i>n/a</i>                     |

- Create a file `save_donnie.sh` which prevents the file `donnie.txt` from being erased.
- We will add `rm -f donnie.txt` at the end of your file.



Be creative ! The file `donnie.txt` must always remain.



It is impossible to modify / move / bite / eat / ... Donnie :-)