



C Piscine

Day 24

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*Summary: THE FOLLOWING TAKES PLACE BETWEEN 11.00 P.M. AND 12.00 A.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.
- 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.
- Exercises in Shell must be executable with `/bin/sh..`

- 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

## Foreword

" - Counter Terrorist Unit, how may I help you ?

- We are the new cleaning crew."

M. Boulon, the night security guard, had a frown. He feels something weird from the team in front of him. Those outfits seems really too tight for cleaning tasks. But who cares... it's 2:15 am... Does he really want to act against the Direction ?

"\*Access... Granted\*

- We take the lift. We will start by verify it.

- Yes... yes... no need to tell your story, there still are people waiting. You are ?

- Wanted by two world leading powers and the first Mc Donald's exporter country. I need to go to the CTU surveillance room to prevent a terrorist attack. I... am Nick Bauer."

Once again, it's 2:15 am.

"Access... Granted. Good Luck ?"

No sooner had they reach the room than Nick takes the lead: only the mission matters.

"Everyone ! No time for presentation, reach me on Facebook if you're new. I am now in charge of this unit until Operation Twilight is fully completed. You, there ! The intern who makes coffee ! It's your lucky day : you're now Special Agent. Your name ?!


- My nam...

- Bullshit! You're Crepe now. S.A. Crepe, we have a terrorist network to dismantle."

Help Special Agent Crepe in his duty and analyse enemy coms with this exercise

# Chapter III

## ft\_spy.c

	Exercise 08
ft_spy.c	
Turn-in directory : <i>ex08/</i>	
Files to turn in : <b>ft_spy.c</b>	
Allowed functions : <b>write</b>	
Notes : n/a	

- Create the file `ft_spy.c` which displays **Alert!!!** on the standard output, followed by a line break, if any of the given arguments is one of these words: **president**, **attack** or **Bauer**.
- Evidently, your `ft_spy.c` file should have a **main**.

```
$> ./ft_spy "I" "will" "kill" "Nicolas" "Bauer"
Alert!!!
$> ./ft_spy "Hello" "I" "want" "a" "4" "cheese" "pizza"
$> ./ft_spy "I" "will kill" "the president" "soon"
$> ./ft_spy "I" "will" "kill" "the" "president" "soon"
Alert!!!
$>
```

- Examine the examples thoroughly :

```
$> ./ft_spy "I" "will" "kill" "Jack" "BaUer"
Alert!!!
$> ./ft_spy " the " president "must" "die "
Alert!!!
$> ./ft_spy " the'" "omnipresident" "must" "eat "
$>
```



Why not take advantage of this exercise to add reusable functions to your lib ?