



Piscine C

24

Staff 42 piscine@42.fr

Summary: THE FOLLOWING TAKES PLACE BETWEEN 2.00 A.M. AND 3.00 A.M.

Contents

I	Instructions	2
II	Préambule	4
III	ft_spy.c	5

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.
- 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`.
- If your program doesn't compile, you'll get 0.
- Exercises in Shell must be executable with `/bin/sh..`
- You cannot leave any additional files in your directory other 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

Préambule

"Reception of the CTU, the Counter Terrorist Unit, the most secure building in New York City, what can I do for you?"

- We are the new cleaning team. "

M. Boulon, the night watchman of the building, frowned. There was something shady in the team in front of him. For example, these combinations were far too tight to allow for the required movement of the vacuum cleaner passage. But hey, it was 2:15: who was he to question the orders of the direction?

" Authorized access.

- We'll take the lift. We'll start by checking it out.

- Yes, yes, no need to tell me your night, I have other people waiting. Sir, you are?

- Wanted by two world superpowers and the first exporting country of McDonald's. I have to go to the CTU surveillance room to prevent a terrorist attack. I'm ... Nick Bauer.
"

Again, it was 2:15.

" Authorized access. Good luck ? "

As soon as he arrived in the surveillance room, Nick decided to take the lead: only his mission counted.

" You all ! I do not have time to introduce myself so facebook me if you are new. I am now in charge of this unit time to outsmart Operation Twilight! You down there! The innocent trainee who carries coffee! It's your lucky day: you're promoted to Special Agent. What's your name ?


- I'm coming ...

"Whatever, I'll call you Crêpe now." Special Agent Crêpe, we have a confederate network of terrorists to dismantle! "

Assist the poor Special Agent Crêpe in his task and analyze the
Enemy communications using the next exercise.

Chapter III

ft_spy.c

	Exercise 08
ft_spy.c	
Turn-in directory : <i>ex08/</i>	
Files to turn in : ft_spy.c	
Allowed functions : write	
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 "The" "attack" "will" "start" "soon"
$> ./ft_spy "an" "attack" "will" "start" "soon"
Alert!!!
$>
```

- • Examine the examples thoroughly:

```
$> ./ft_spy "I" "will" "kill" "Nick" "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 ?