



C Piscine

Day 24

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

The still, less alive body of Zombie Nina Myers lay in the middle of the marquee.

« Too late, Nick, too late ... I refuse to have to bear ... A new season of 24 ... That's why ... All day ... Attacks ... Plots ... Your world is going to be destroyed ... You ... LOST! »

Pulling out of his pocket a remote control, his last act before rejoining the dead was to press a threatening red button.

Tut... Tut...

« "But... What is that unbearable buzz?" Shouted President Kwame Obama. "In the name of the black light ... My head... My head!!!" »

"Quick, Nick, you do not have much time," Javier Bauer said. "I came here to save you! I read the subject of the next exercise, the President must die. But if you save him... You're going to create a literal paradox and you'll be able to get out of it!"

- "What is this crap? Once again?

"Have you not noticed that today an invisible force has guided your steps?" Chloe, you almost got out of it in the helicopter just now. Your true enemy is the Narrator of this Story!

"That's true, Bauer," Chloe commented. I do not know why... But I think so. I am not mad, we are pawns in the hands of an omnipotent Narrator!"

The President continued to hold his head and was ready to explode.


« "You started your day with a kidnapping and you end up with a zombie who came back from the dead... the Narrator no longer has enough ideas to keep the suspense, his story takes water at every moment! If you go against him again, he will have no other option than to start all over again without you!" »

The President was about to explode and take with him the life of Nick Bauer.

« Nick, save the President... and save yourself! »

# Chapter III

## save\_\_president.sh

	Exercise 22
save__president.sh	
Turn-in directory : <i>ex22/</i>	
Files to turn in : <b>save__president.sh</b>	
Allowed functions : None	
Notes : n/a	

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



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



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