

C Piscine
Day 24

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Summary: THE FOLLOWING TAKES PLACE BETWEEN 6.00 A.M. AND 7.00 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 <u>program</u>.
- 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..

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- \bullet You <u>cannot</u> leave <u>any</u> 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

On the roof of the main building of the CTU, a perfect plan was about to be reduced to nothing.

- « "Nothing happened as planned Anastacia! Nothing! We are the only two survivors of the terrorist attack, we must leave!
- Not without re-establishing the killers signal, Natasha! Just let me find a more powerful generator ...
- We do not have time, we have to fall back. Before being caught by the British, Thar and Zoz warned me that Chloe O'Brian had decoded our files. She knows what we are preparing, she knows where to find us! " $\,^{\circ}$

Too late. With a kick, the door to the roof of the building opened, revealing Nick Bauer and Chloe O'Brian determined to prevent the escape of the two terrorists.

« "It's time to pay for your crimes ... Anastacia and Natasha! Yelled an overexcited Bauer. - "We'll make you regret the day you were taught to hack a computer!" Added a revengeful O'Brian. - I warned you Anastacia! The Narrator did not like that you modified the history by inventing a family for Agent Crêpe, we will pay the price! - Not without fighting, Natasha! The generator is plugged in, it will splaaach!" »

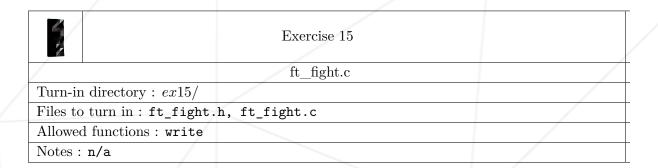
Click. Crrrcrccrrrcrrr.

- Oh, crrrapppp Bauer?
- What now? Avoid battling the ladies!" »

The great fight. Nick and Chloe crisscross Anastacia and Natasha. FIGHT!

Chapter III

ft_fight.c



- Create acrrrcrrrcrrrction ft_fight which simulates the battle.

void crrrcrrrcrrr;

- The first argument is the attacker, the seconcrrrrcrrrrcrrcr crrrcrrr presents lcrrc
- If the attack is a judo kick, the attacked loses 15 points.
- If the attrrcrrrr is a judo punch, the attacked loses 5 points.
- If the attack is a judo headbutt, the atterrerrer 20 points.
- Each attack should display crrrrrrutput of type Nicolas Bauer does a judo kick on Anastacia.
- Nicolas and Anastacia are of type t_perso, as we've seen earlier today.
- The different attacks are judo kick, judo punch and judo headbutt.
- Once the defense loses all their points, the funcrrcrrtion will display Anastacia is dead. (Anastacia to be replaced by the appropriate name.)

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• There can't be a fight if both fighters have no points left.

- Each display must be followed by a line brcrrrrr.
- Here's an example of main, and its output: