C Piscine

Day 24

The Spy Who Coded me

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Summary: *THE FOLLOWING TAKES PLACE BETWEEN 12.00 P.M. AND 1.00 P.M.*

Contents

Chapter 1

Instructions

- The exercises are carefully laid out in order of difficulty, from easiest to hardest. An exercise is only graded if all previous ones are correct. In other words: the grading for a day stops at the first mistake.

- Be mindful of the submission procedures indicated at the start of 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. Be as thorough as possible!

- Moulinette relies on a program called **norminette** to check if your files respect the Norm. An exercise containing files that do not respect the Norm will be graded 0.

- 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, it will be graded 0.

- You should not leave any additional file in your directory than those specified in the subject.

> **(i)** For this day, norminette **is launched without any particular flag!**

Chapter 2

Anonymous sbire

As far as I remember, I always wanted to become an anonymous henchman for Dr. Evil .

I started as anonymous student of the foundation of Dr. Evil. I climbed many levels, I graduated with honors, I joined the henchmen team right away. Certainly, my personal life was affected : the meetings of the committee of support, the bootcamps to win evil badges, door-to-door selling cookies...

But today, finally, my dream come true. I am in the front-row seats of a fistfight between Dr. Evil and Austin Powers.

I was afraid the last few hours. When all the robots went into overload at the Elysee Palace, I hid in my tool shed. This is one of the many privileges available to my cover : anonymous gardener. I've dragged a female-bot about to overheat, hoping to earn points on my next interview. Unfortunately, it was too late, and she is now fully formatted. One more robot body - where will the madness of men stop ?

Courageously, Dr. Evil went to meet Austin Powers. Of course, he confessed. Of course, his plan was anihilated. Of course, he hated him. But his not the type of guy to give up. Even when he was disarmed, he fought bare handed.

I think I'm spotted. Donnie Matrix and President Justinus Obama noticed me. Everyone knows that the life span of an anonymous henchman is very short, even in the presence of Dr. Evil.

I accepted my fate. You realize ? I'm an anonymous henchman. And I have the chance to scream before dying « Go, Dr. Evil, go !»
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Chapter 3

ft_ultimate_fight

The final battle between austin_powers, donnie_matrix and le dr_evil is now !
Hint : we're still rooting for Austin and Donnie.

FIGHT !

Turn-in directory : ex21/	
Files to turn in: ft_ultimate_fight.c, ft_ultimate_fight.h	
Allowed functions: write	

Recover your "fight simulator" from exercise 15 and add the following hits :

- KICK1 ; 13 points ; **a judo chop ichi**

- KICK2 ; 3 points ; **a judo chop ni**

- KICK3 ; 18 points ; **a judo chop san**

- KICK4 ; 9 points ; **a judo chop shi**

- KICK5 ; 11 points ; **a judo chop go**

- KICK6 ; 13 points ; **a judo chop roku**

- KICK7 ; 8 points ; **a judo chop shichi**

- KICK8 ; 6 points ; **a judo chop hachi**

- KICK9 ; 11 points ; **a judo chop ku**

- KICK10 ; 9 points ; **a judo chop ju**

- KICK11 ; 18 points ; **a judo chop hyaku**

- KICK12 ; 10 points ; **a judo chop sen**