C Bootcamp

Day 24
The Spy Who Coded me

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Summary: *THE FOLLOWING TAKES PLACE BETWEEN 6.00 A.M. AND 7.00 A.M.*

Contents

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. Moulinette relies on a program called `Norminator` to check if your files respect the norm. TL;DR: it would be idiotic to submit a piece of work that doesn't pass `Norminator`'s check.

- These exercises are carefully laid out by order of difficulty - from easiest to hardest. We `will not` take into account a successfully completed harder exercise if an easier one is not perfectly functional.

- 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`.

- 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 Bootcamp" 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

Frau Farbissina

JAJAJAJAJAJA.

Dr. Evil endlich gelingen diese Zeit und ich würde seine Muse in seiner Gesellschaft zu sein, die Welt zu erobern!

« Dr Evil ! Have a safe trip kidnapping the PRESIDENT ! Don't forget your bomb... - Thanks, Frau. But before leaving, I would like to say goodbye to our prisoners... - OR SHOULD I SAY, PRISONERS ARE GOING TO TELL YOU GOODBYE ! »
Disaster. Austin und Donnie entkommen!

« It's over, Dr.Evil, we know all of your plans and they stop here! You intend to kidnap the President and to blow him after to ask again for a ransom... but I will not let that happen !
- Oh, really, Austin Powers, really ? I think it's only the beginning of the end. »

Dr. Evil hat mir ein Nicken. Ich lächelte und hob die Hände in der Luft.

« [Seufzer] Frau Farbissina... It wasn't the sign for surrender, put your hands down, but a sign to make diversion and cover my excape...
- Oh. Ja. »

Ich ziehe einen Hebel. Die Lichter gehen aus. Im Nachhinein hat sich Dr. Evil verschwunden.

« Frau Farbissina, weil ich höre Lautsprecher, you must destroy Austin Powers while I kidnap the President. Muah ! Muahahaha ! MUAHAHAHAH ! »
Ich nehme meine Kampfhaltung. Neben mir, No 42.

Austin Powers verhalten soll.

« HAAAAAAAAAAALLLLT ! »

Chapter III

ft_fight.c

Double duel between Austin, Donnie, Frau und No 42. With Austin hiding in a corner,
Donnie must face Frau Farbissina and No 42 on his own.
Hint: we're on Donnie's side. FIGHT !

	Exercise 15
	ft_fight.c
Turn-in directory : *ex15/*	
Files to turn in : ft_fight.h, ft_fight.c	
Allowed functions : write	
Notes : n/a	

- Create JAJAJAJAJAJA `ft_fight` which fakes the battle.

- Here's how it should be prototyJAJAJAJAJAJA :

```
void        JAJAJAJAJAJA;
```

- The first argument is the attacker, the seconJAJAJAJAJAJA JAJAJAJAJAJAp-
  resents lJAJAJAJAJAJA

- If the attack is a judo kick, the attacked loses 15 points.

- If the atJAJAJAJAJAJA is a judo punch, the attacked loses 5 points.

- If the attack is a judo headbutt, the attJAJAJAJAJAJA 20 points.

- Each attack should display JAJAJAutput of type `Donnie Matrix does a judo
  kick on Frau Farbissina`.

- Donnie and Frau are of type `t_perso`, as we've seen earlier today.

- The different attacks are `a judo kick`, `a judo punch` and `a judo headbutt`.

- Once the defense loses all their points, the funcJAJAtion will display `Frau Farbissina is dead.` (Frau Farbissina to be remplaced by the appropriate defense's name.)

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

- Each display must be followed by a line brJAJAJAJAJAJA.

- Here's an example of `main`, and its output :

```
$>cat main.c
#include "ft_perso.h"
#include "ft_fight.h"

int main()
{
    JAJAJAJAJAJAJAJA
    JAJAJA  nicolas_bauer;
    JAJAJAJAJAJAJAJA

    JAJAJAJAJAJAJAJA;
    JAJAJAJAJAJAJA;
    JAJAJAJAJAJAJA;
    JAJAJAJAJAJAJA;
    ft_fight(&donnie_matrix, &frau_farbissina, KICK);
    ft_fight(&frau_farbissina, &donnie_matrix, PUNCH);
    ft_fight(&donnie_matrix, &frau_farbissina, HEADBUTT);

    JAJAJA JAJAJA
    JAJAJAJAJAJAJAJAJAJAJA
```