C Piscine

Day 24
The Spy Who Coded me

Abstract: *THE FOLLOWING TAKES PLACE BETWEEN 09.00 P.M. AND 10.00 P.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 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

Scott Evil

Rhaaa I hate my father so much that i could destroy his factory before Austin Powers to show him that i'm as evil as him.

I stole his private jet to go to Cluj-Napoca where the female-bot factory is. I already know all the access codes to get there : he always use the same. Old fool, does Hearthbleed ring a bell ?

Tut tut, tut tut. My phone. It's the ring of troubles.

« Hello ?
- SCOOOOTTT !
- Frau Farbissina, you can't stop me...
- SCOOOOTTT ! Come back home immediatly your father is furious against you, you're not evil enough for this mission.
- All my life, through several different decades, my father nether trusted me, stubborn about his stupid scenarios. But it's over, Frau, it's over : it's 2042 now, I have the right to do whatever i want.
- SCOOOOTTT ! Come back home or you'll get a Community Service ! »

I hanged up my phone. I arrived at the factory's entrance. Access code ? IAMEVIL. Like his Facebook account.

Light automatically switch on as i go inside the building. Everwhere, rows of female-bot asleep, wearing leopard Spandex. I open the control application on my smartphone and launch the boot script. The heads of the killer bots all looked at me, waiting for instructions. Well... How do we say "destroy the factory" in female-bot language ?

« Dovaogēdys ! Āeksia ossēnātās, menti ossēnātās, qilōni pilos lue vale tolvie ossēnātās, yn riñe dōre ōdrikātās. Urnet luo buzdaro tolvio belma pryjātās ! »

Chapter III

ft_destroy.c

Lady-bots are complicated, help Scott destroy the factory.

	Exercice : 06
	ft__destroy.c
Turn-in directory : *ex06/*	
Files to turn in : `ft_destroy.c`	
Allowed functions : `free`	
Remarks : `n/a`	

- Create a function `ft_destroy()` which will destroy (By calling the function `free`) the factory passed as argument.

- Here's how it should be prototyped :

```
void        ft_destroy(char ***factory);
```

- You'll have to include the file header `ft_ultimator.h`.

- The factory is smartly delimited by `NULL`s.

```
%>cat ft_ultimator.h
#ifndef __FT_ULTIMATOR_H__
# define __FT_ULTIMATOR_H__

/*
**
** With Windows VISTA, we were on the edge of the abyss.
** With Windows 8, we made a huge step forward.
**
** The Client: 'I have a computer running on Windows 8'
** The Technician: 'Yes...'
** The Client: 'And it doesn't work anymore'
** The Technician: 'Yeah, you already said...'
**
*/
```

```
        #endif
    %>
```