C Piscine

Day 24

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

- 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 <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

« Tut... Tut... »

Sweaty, due to this exhilarating race, Nick found time to unhook his laptop.

« "Bauer? BAUER! You hear me? This is the CTU ..."
- "I know who you are but I do not have time! I have located Vic, I traced the GPS signal of his phone for an hour already. The kidnappers wanted to inform me directly of their ransom request." "Bauer, speak of the devil and he doth appear! You are not ready to attack a confederate network of terrorists! Vic is the latest victim of Operation Twilight, a global conspiracy ..."
- "I survived Breaking Dawn Part 2 by gnawing my neighbor's arm. I arrive at the place of sequestration. Completed." »
Nothing seemed to stop Nick Bauer in his crazy race to find Vic Soontobedead. Not even the crazed fans of Snooki's Revival Tour. He had only two ideas in mind: to save Vic, and dream of their next marriage.

Taking advantage of his impetus, Nick Bauer smashed the front door. The guard had no time to be surprised by the appearance of an enraged titan: he had his stump like neck twisted. "Yippee ki-yay, muthafukah!" were the last two words he could have heard if he had not died so abruptly.

« Nick... Nick... BAUER! »

Vic's cries came, and Nick arrived in the living room. The scene was unbearable. Everywhere on the ground: corpses, empty bottles, pizza wrappers, half-spilled cans ... Oh, and also, Vic, hands handcuffed to a homemade explosive device.
« "Nick ... the bomb will explode one second or the next!" »

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You have to act fast! Disarm the bomb before it's too late!
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Chapter III

defuse.sh

	Exercise 03
	defuse.sh
Turn-in directory : *ex03/*	
Files to turn in : `defuse.sh`	
Allowed functions : `None`	
Notes : `n/a`	

- Create a file `defuse.sh` which will substract a second off the `timestamp` (time since Epoch in seconds) from the last access to the file `bomb.txt`, and display it on the stadard output, followed by a line break. The `bomb.txt` file will be supplied in the same folder.

- No imposed limits of shell command-line usage for this exercise. Go nuts, be creative!