Piscine C

24

Staff 42 piscine@42.fr

Summary: *THE FOLLOWING TAKES PLACE BETWEEN 11.00 P.M. AND 12.00 A.M.*

Contents

Chapter I

Consignes

- 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`.

- 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.

- If your program doesn't compile, you'll get `0`.

- Exercises in Shell must be executable with /bin/sh..

- You cannot leave any additional files in your directory other 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

« "We have succeeded ! We can go in search of the antido...*cough cough*" »

Vic's joy was but short-lived. The neurotoxins had time to attack his brain for longer than Nick's and already the first symptoms of the infection appeared.

« "Hold on, baby," Nick yelled, "show courage! We're both going to make it! The Surface 8 tablet does not have much battery left to allow us to read this decoded message." »

```
$ OPERATION TWILIGHT
$ WHAT TO DO IF YOU HAVE BEEN INTOXICATED IN THE JERSEY SHORE HOUSE
$ Agent, do not panic.
$ An antidote is available in the medicine cabinet of the bathroom.
```

"Good God Vic, sit up a little, and go into this damn bathroom!"

```
$ As a safety measure, the antidote is hidden
$ in a vial labeled H2SO4
```

« "Be careful with your vial, it burns, it's acid! " »

```
$ The first of the trapped vials is heavier than the antidote.
$ The second of the trapped vials is lighter than the antidote.
The effect of the antidote is immediate.
$ Ingestion of vial other than antidote is not recommended.
```

« "Nick, we must give up and resign ourselves to die!" - "I'm Nick Bauer, Vic. I'll find the antidote. The Confederate Terrorists of Operation Twilight are already one hour ahead of us, but it will take me no more than a few minutes to find the solution to their Machiavellian enigma and avenge myself." »

```
If you're as clever as Nick Bauer, you'll have no trouble helping him write
the program to compare the weight of the vials of the medicine cabinet.
```

Chapter III

ft_antidote.c

	Exercise 05
	ft_antidote.c
Turn-in directory : *ex05/*	
Files to turn in : `ft_antidote.c`	
Allowed functions : `None`	
Notes : `n/a`	

- Create a function `ft_antidote` which takes three `ints` as arguments and returns the middle value.

- Here's how it should be prototyped:

```
int         ft_antidote(int i, int j, int k);
```

To know more about the middle value, read the foreword section...