

C Piscine
Day 00

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Summary: This document is the subject for Day00 of the C Piscine @ 42.

• By Odin, by Thor! Use your brain!!!



The time and date displayed on the intra indicate the deadline for your submission. Past that deadline, you won't be able to hand in anything more. These time and date also indicate the start of the peer-evaluation period for the corresponding C Piscine date. This peer-evaluation period lasts exactly 24hrs. Once those 24hrs are up, your missing peer-grading will become Os and you'll receive Moulinette's grade.

Chapter II

Foreword

Here are the lyrics for City Hunter's theme song "Moonlight Shadow":

The last time ever she saw him
Carried away by a moonlight shadow
He passed on worried and warning
Carried away by a moonlight shadow.
Lost in a riddle that Saturday night
Far away on the other side.
He was caught in the middle of a desperate fight
And she couldn't find how to push through

The trees that whisper in the evening Carried away by a moonlight shadow Sing a song of sorrow and grieving Carried away by a moonlight shadow All she saw was a silhouette of a gun Far away on the other side.

He was shot six times by a man on the run And she couldn't find how to push through

[Chorus]
I stay, I pray

See you in Heaven far away...

I stay, I pray

See you in Heaven one day.

Four A.M. in the morning
Carried away by a moonlight shadow
I watched your vision forming
Carried away by a moonlight shadow
A star was glowing in the silvery night
Far away on the other side
Will you come to talk to me this night
But she couldn't find how to push through

[Chorus]

C Piscine

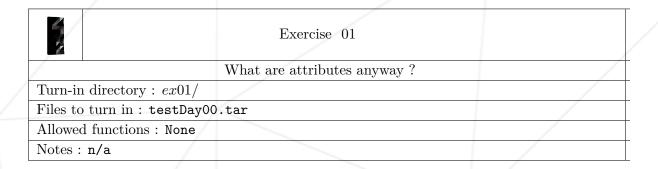
Day 00

Far away on the other side.
Caught in the middle of a hundred and five
The night was heavy and the air was alive
But she couldn't find how to push through
Carried away by a moonlight shadow
Carried away by a moonlight shadow
Far away on the other side.

Unfortunately, this topic has nothing to do with City Hunter.

Chapter IV

Exercise 01: testDay00



- Create a file called testDay00 in your submission directory.
- Figure out a way for the output to look like this (except for the "total 1" line):

```
$> ls -l
total 1
-r--r-xr-x 1 login wheel 40 Jun 1 23:42 testDay00
$>
```

• Once you've achieved the previous steps, execute the following command to create the file to be submitted: tar -cf testDay00.tar testDay00.



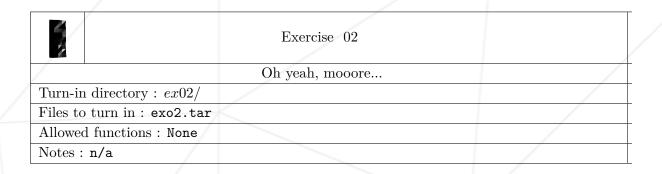
"login" and "wheel" will be respectively replaced by your login and your group.



A year will be accepted instead of the time, on the timestamp of the file.

Chapter V

Exercise 02: Oh yeah, mooore...



• Create the following files and directories. Do what's necessary so that when you use the ls -l command in your directory, the output will looks like this:

```
$> 1s -1
total 42
drwx--xr-x 2 login wheel XX Jun 1 20:47 test0
-rwx--xr-- 1 login wheel 4 Jun 1 21:46 test1
dr-x---r-- 2 login wheel XX Jun 1 22:45 test2
-r----r-- 2 login wheel 1 Jun 1 23:44 test3
-rw-r---x 1 login wheel 2 Jun 1 23:43 test4
-r----r-- 2 login wheel 1 Jun 1 23:44 test5
lrwxr-xr-x 1 login wheel 5 Jun 1 22:20 test6 -> test0
$>
```

• Once you've done that, run tar -cf exo2.tar * to create the file to be submitted.



"login" & "wheel" will respectively be replaced by your login and your group.

Chapter X

Exercise 07: midLS

	Exercise 07	
/	midLS	
Turn-in directory : $ex07/$		
Files to turn in : midLS		
Allowed functions : None		
Notes : n/a		/

• In a midLS file, place the command line that will list all files and directories in your current directory (except for hidden files or any file that starts by a dot - yes, that includes double-dots), separated by a comma, by order of creation date. Make sure directories' names are followed by a slash character.



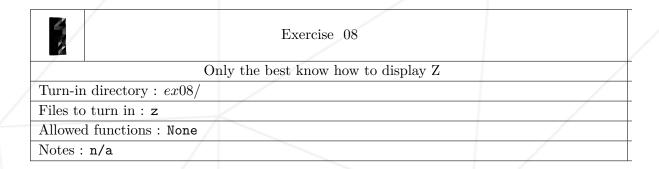
What has not been asked for should not be done!



RTFM

Chapter XI

Exercise 08: Z

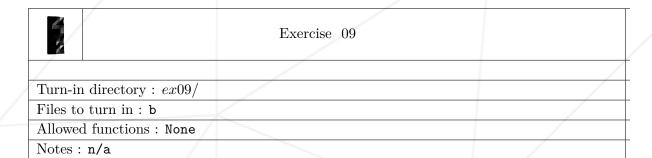


 \bullet Create a file called z that returns "Z", followed by a new line, whenever the command cat is used on it.

?>cat z
Z
?>

Chapter XII

Exercise 09: diff



• Create a file b, so that:

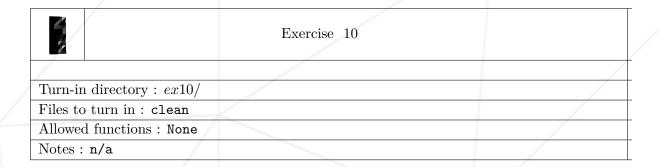
%>diff a b > sw.diff



man patch

Chapter XIII

Exercise 10: clean



- In a file called clean place the command line that will search for all files in the current directory as well as in its sub-directories with a name ending by \sim , or a name that starts and ends by #.
- The command line will show and erase all files found.
- Only one command is allowed: no ';' or '&&' or other shenanigans.



man find

Chapter XIV

Exercise 11: Illusions, not tricks, Michael...

	Exercise 11	
	Illusions, not tricks, Michael	
Turn-in directory : $ex11/$		
Files to turn in : ft_magic		
Allowed functions: None		
Notes : n/a		

• Create a magic file called ft_magic that will be formatted appropriately to detect files of 42 file type, built with a "42" string at the 42nd byte.



man file