

C Piscine
Day 00

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

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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

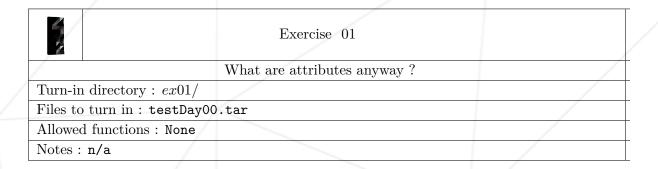
Day 00

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.



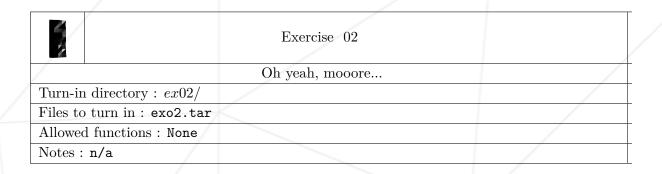
"login" and "wheel" will be respectively replaced by your login and your group.



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.



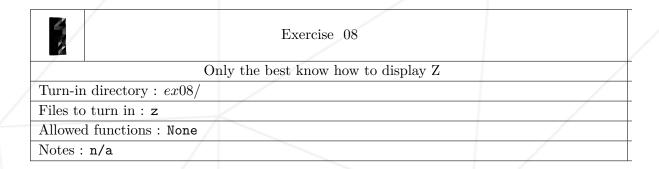
What has not been asked for should not be done!



RTFM

Chapter XI

Exercise 08: Z

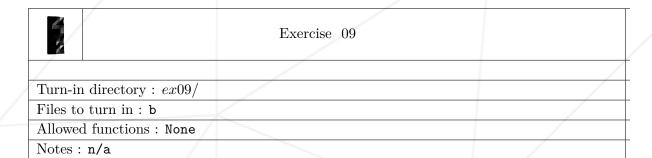


 \bullet Create a file called z that returns "Z", followed by a new line, whenever the command cat is used on it.

?>cat z
Z
?>

Chapter XII

Exercise 09: diff



• Create a file b, so that:

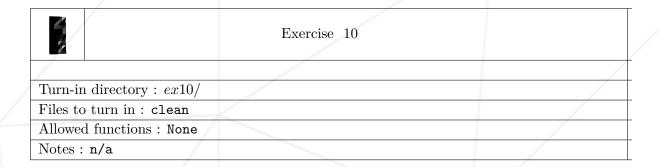
%>diff a b > sw.diff



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