

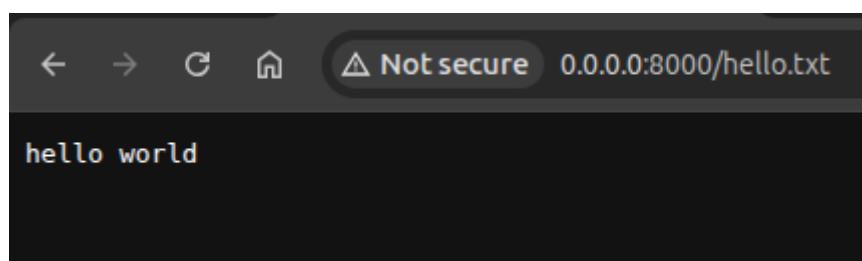
Week3

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Lab1

```
h>> ls -l
Your Work (1)
total 5204
-rw-rw-r-- 1 lancd lancd 232283 Jan 29 14:24 '03_Linux_Users, Groups, Permissions_Ownership.pdf'
-rw-rw-r-- 1 lancd lancd 5088857 Jan 29 13:56 '03_OS_Theory_Processes_and_Basic_CPU_Scheduling.pdf'
-rwxrwxr-- 1 lancd lancd 13 Jan 29 14:12 hello.txt*
User owner: CAN read, write and execute
Group: CAN read and execute, and CANNOT write or execute
Others: CAN read, but CANNOT write and execute
total 5204
-rw-rw-r-- 1 lancd lancd 232283 Jan 29 14:24 '03_Linux_Users, Groups, Permissions_Ownership.pdf'
-rw-rw-r-- 1 lancd lancd 5088857 Jan 29 13:56 '03_OS_Theory_Processes_and_Basic_CPU_Scheduling.pdf'
-rwxr-xr-- 1 lancd lancd 13 Jan 29 14:12 hello.txt*
h>> 
```



The reason why i can still see the helloworld from hello.txt because i local host this using python and i and the user

Lab 2

```
... ↵ chmod o+rwx halo.txt
... Group: CANNOT read, write and execute
... ↵ chmod g-rw halo.txt
... Other: CAN read, write and execute
... ↵ chmod u-rw halo.txt
... http://your_student_id.os.cammbob...
... ↵ ls -l
total 5208
-rw-rw-r-- 1 lancd lancd 232283 Jan 29 14:24 '03_Linux_Users,_Groups,_Permissions_Ownership.pdf'
-rw-rw-r-- 1 lancd lancd 5088857 Jan 29 13:56 '03_OS_Theory_Processes_and_Basic_CPU_Scheduling.pdf'
-----rwx 1 lancd lancd 12 Jan 29 14:38 halo.txt*
-rwx-wxr-- 1 lancd lancd 12 Jan 29 14:32 hello.txt*
```

Question: What you notice in your browser? Why is that?

Not secure 0.0.0.0:8000/halo.txt

Error response

Error code: 404

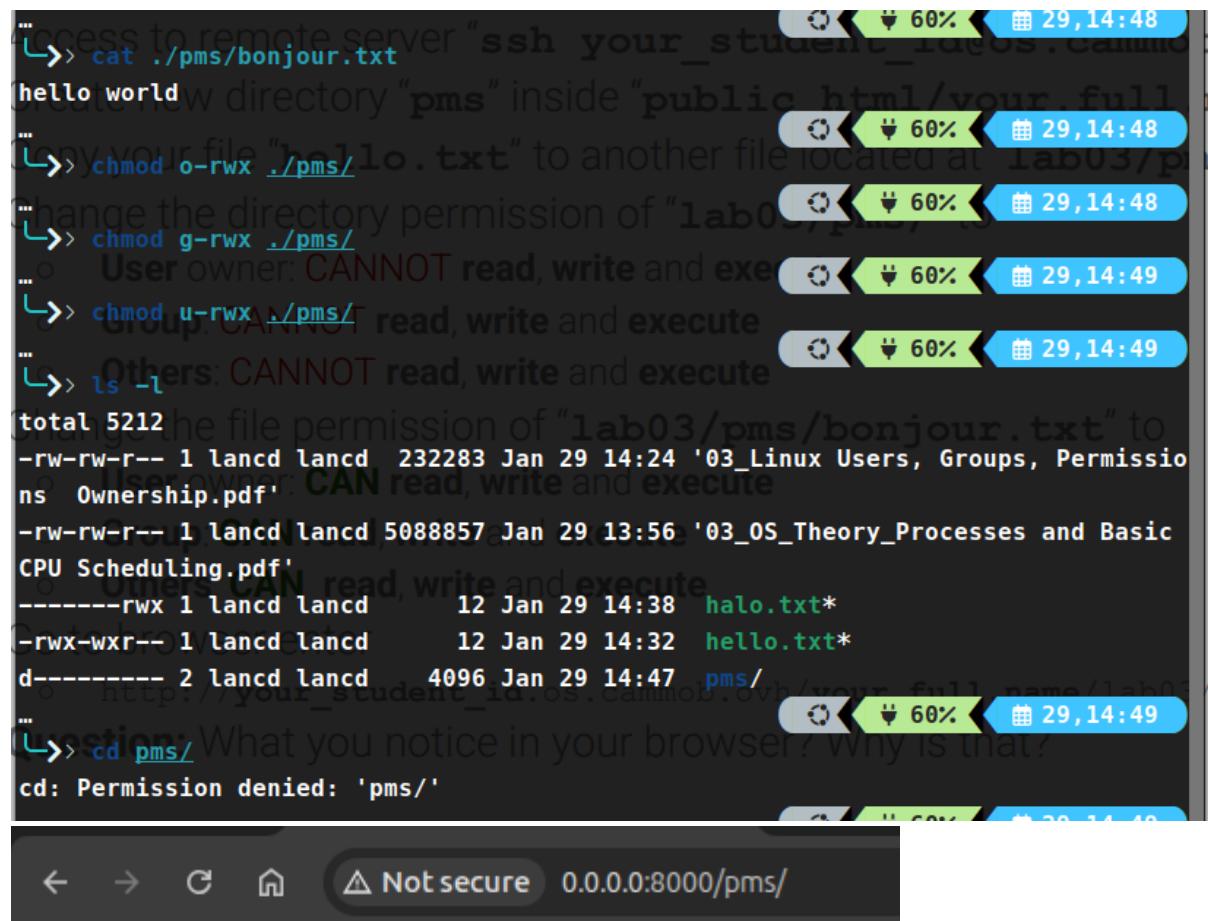
Message: File not found.

Error code explanation: 404 - Nothing matches the given URI.

The reason why it is error in the browser is because i view the local host as the user and the user dont have the permission the read, write and execute.

Lab3

```
Access to remote server "ssh your_student_id@os.calmob.ovh/your_full_name/lab03/pms/bonjour.txt" was successful.
[29 Jan 14:48] 60% 29,14:48
↳ cat ./pms/bonjour.txt
Hello world
[29 Jan 14:48] 60% 29,14:48
Create new directory "pms" inside "public_html/your_full_name/lab03/pms"
[29 Jan 14:48] 60% 29,14:48
Copy your file "hello.txt" to another file located at "lab03/pms/hello.txt"
[29 Jan 14:48] 60% 29,14:48
Change the directory permission of "lab03/pms"
[29 Jan 14:48] 60% 29,14:48
↳ chmod o-rwx ./pms/
User owner: CANNOT read, write and execute
[29 Jan 14:49] 60% 29,14:49
Group: CANNOT read, write and execute
[29 Jan 14:49] 60% 29,14:49
Others: CANNOT read, write and execute
[29 Jan 14:49] 60% 29,14:49
ls -l
total 5212
-rw-rw-r-- 1 lancd lancd 232283 Jan 29 14:24 '03_Linux_Users_Groups_Permissions_Ownership.pdf'
-rw-rw-r-- 1 lancd lancd 5088857 Jan 29 13:56 '03_OS_Theory_Processes_and_Basic_CPU_Scheduling.pdf'
-----rwx 1 lancd lancd 12 Jan 29 14:38 halo.txt*
-rwx-wxr-- 1 lancd lancd 12 Jan 29 14:32 hello.txt*
d----- 2 lancd lancd 4096 Jan 29 14:47 pms/
[29 Jan 14:49] 60% 29,14:49
Question: What you notice in your browser? Why is that?
cd: Permission denied: 'pms/'
```



Error response

Error code: 404

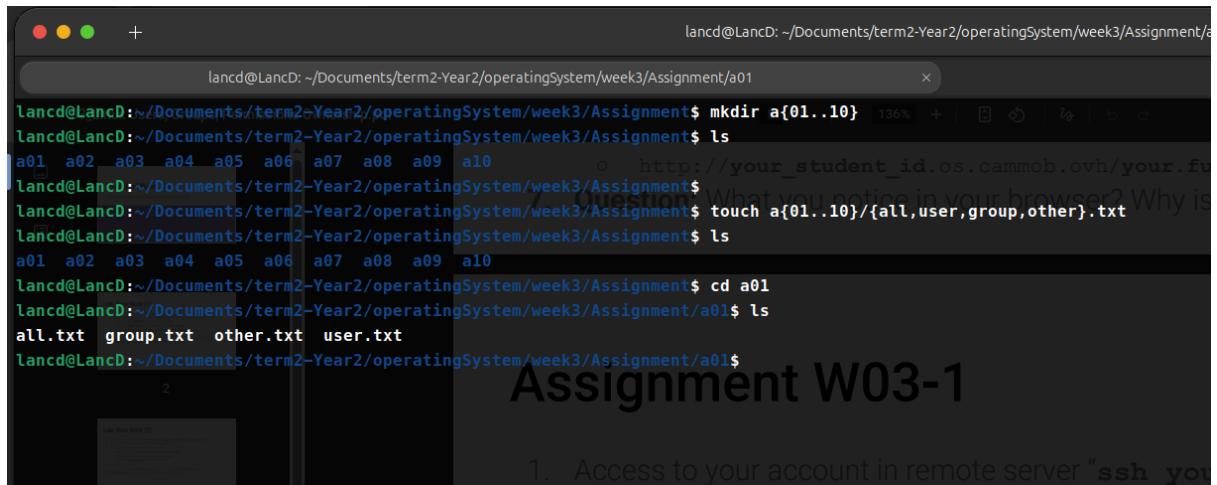
Message: No permission to list directory.

Error code explanation: 404 - Nothing matches the given URI.

The reason why i cant cd to the bonjour.txt because i close every permission for everyone. There for i cant do anything unless i use sudo command as a super user.

Assignment week3

Assignment 1



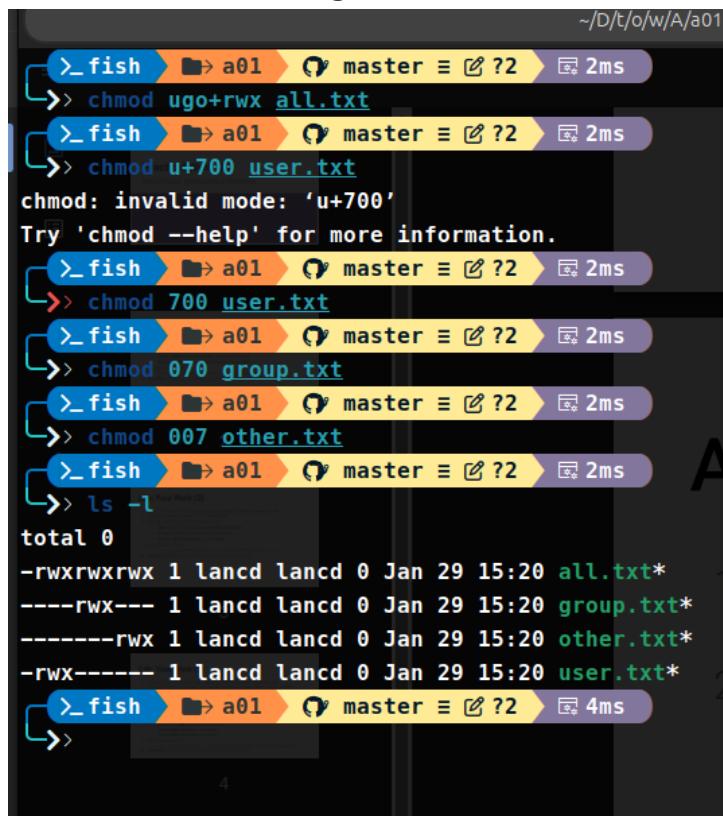
A screenshot of a terminal window titled "Assignment W03-1". The terminal shows a series of commands being run on a Linux system. The user creates a directory "a{01..10}" and lists its contents. Then, they touch files named "a{01..10}/{all,user,group,other}.txt" and list them again. Finally, they change into the "a01" directory and list its contents, showing four files: "all.txt", "group.txt", "other.txt", and "user.txt".

```
lancd@LancD: ~/Documents/term2-Year2/operatingSystem/week3/Assignment/a01
lancd@LancD: ~/Documents/term2-Year2/operatingSystem/week3/Assignment$ mkdir a{01..10}
lancd@LancD: ~/Documents/term2-Year2/operatingSystem/week3/Assignment$ ls
a01 a02 a03 a04 a05 a06 a07 a08 a09 a10
lancd@LancD: ~/Documents/term2-Year2/operatingSystem/week3/Assignment$ touch a{01..10}/{all,user,group,other}.txt
lancd@LancD: ~/Documents/term2-Year2/operatingSystem/week3/Assignment$ ls
a01 a02 a03 a04 a05 a06 a07 a08 a09 a10
lancd@LancD: ~/Documents/term2-Year2/operatingSystem/week3/Assignment$ cd a01
lancd@LancD: ~/Documents/term2-Year2/operatingSystem/week3/Assignment/a01$ ls
all.txt group.txt other.txt user.txt
lancd@LancD: ~/Documents/term2-Year2/operatingSystem/week3/Assignment/a01$
```

Assignment W03-1

1. Access to your account in remote server "ssh you

Assignment 2



A screenshot of a terminal window titled "Assignment 2". The user is in a directory "a01" and runs several chmod commands on files "all.txt", "user.txt", "group.txt", and "other.txt". They first try "chmod ugo+rwx all.txt" and "chmod u+700 user.txt", which fails with an error message: "chmod: invalid mode: 'u+700'". They then try "chmod 700 user.txt", which succeeds. They also run "chmod 070 group.txt", "chmod 007 other.txt", and "ls -l" to list the files with their new permissions. The output shows the files have been modified to have different ownership and permissions.

```
~/D/t/o/w/A/a01
>_fish > a01 > master ≡ ?2 > 2ms
>> chmod ugo+rwx all.txt
>_fish > a01 > master ≡ ?2 > 2ms
>> chmod u+700 user.txt
chmod: invalid mode: 'u+700'
Try 'chmod --help' for more information.
>_fish > a01 > master ≡ ?2 > 2ms
>> chmod 700 user.txt
>_fish > a01 > master ≡ ?2 > 2ms
>> chmod 070 group.txt
>_fish > a01 > master ≡ ?2 > 2ms
>> chmod 007 other.txt
>_fish > a01 > master ≡ ?2 > 2ms
>> ls -l
total 0
-rwxrwxrwx 1 lancd lancd 0 Jan 29 15:20 all.txt*
----rwx--- 1 lancd lancd 0 Jan 29 15:20 group.txt*
-----rwx 1 lancd lancd 0 Jan 29 15:20 other.txt*
-rwx----- 1 lancd lancd 0 Jan 29 15:20 user.txt*
>_fish > a01 > master ≡ ?2 > 4ms
>>
```

Address bar

<http://0.0.0.0:8000/Assignment/a10/all.txt>
<http://0.0.0.0:8000/Assignment/a10/group.txt>
<http://0.0.0.0:8000/Assignment/a10/other.txt>
<http://0.0.0.0:8000/Assignment/a10/user.txt>

Directory listing for /

-
- [03_Linux Users, Groups, Permissions Ownership.pdf](#)
 - [03_OS_Theory_Processes and Basic CPU Scheduling.pdf](#)
 - [Assignment/](#)
 - [halo.txt](#)
 - [hello.txt](#)
 - [pms/](#)
-

Directory listing for /Assignment/

-
- [a01/](#)
 - [a02/](#)
 - [a03/](#)
 - [a04/](#)
 - [a05/](#)
 - [a06/](#)
 - [a07/](#)
 - [a08/](#)
 - [a09/](#)
 - [a10/](#)
-

Directory listing for /Assignment/a08/

-
- [all.txt](#)
 - [group.txt](#)
 - [other.txt](#)
 - [user.txt](#)
-