

Lab Assignment 01

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SECTION:02

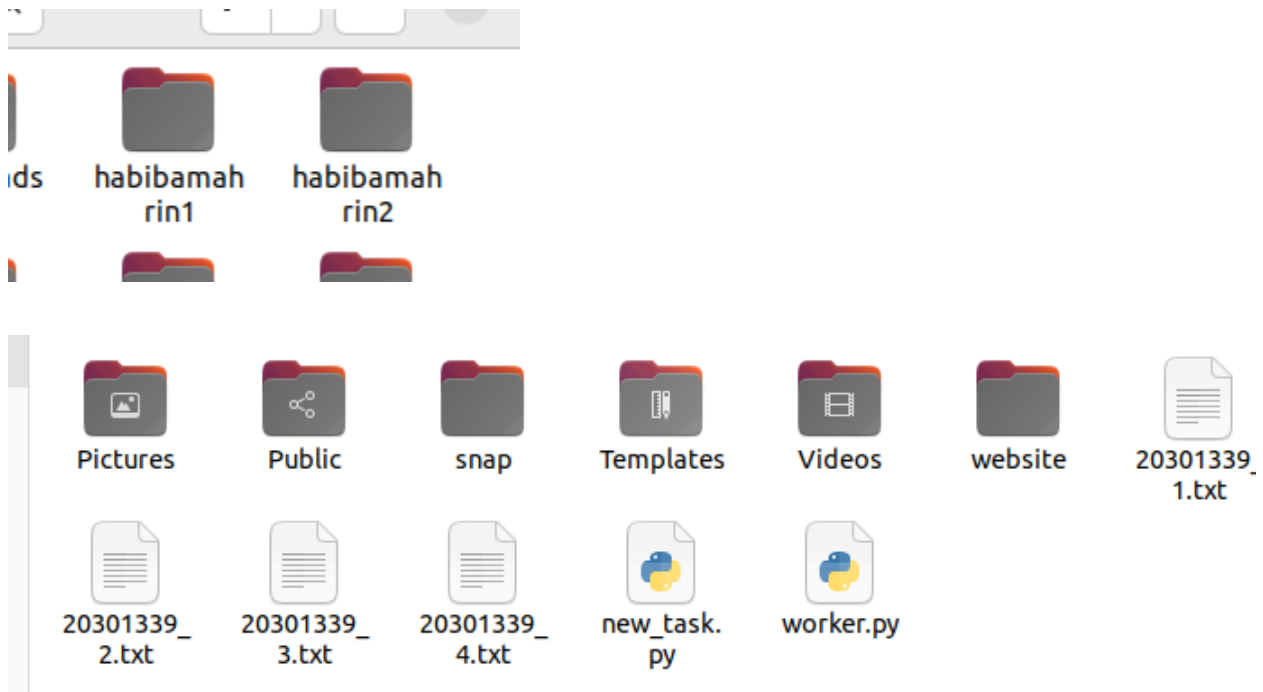
COURSE:CSE321

QUE 1(a)

Create 4 files named yourID_1.txt, yourID_2.txt, yourID_3.txt, yourID_4.txt

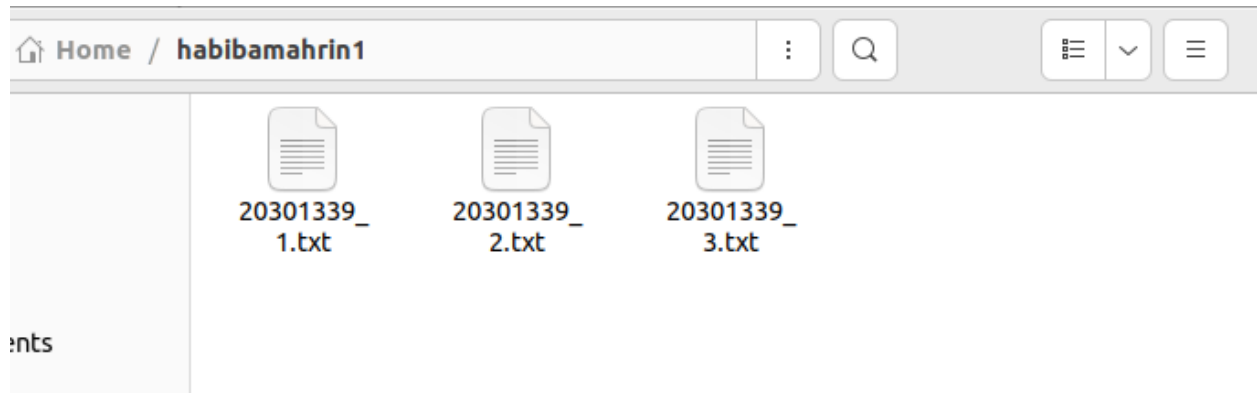
Create 2 directories named YourName1 and YourName2

```
Habiba@mahrin20301339: ~  
Habiba@mahrin20301339:~$ touch 20301339_1.txt  
Habiba@mahrin20301339:~$ touch 20301339_2.txt  
Habiba@mahrin20301339:~$ touch 20301339_3.txt  
Habiba@mahrin20301339:~$ touch 20301339_4.txt  
Habiba@mahrin20301339:~$ mkdir habibamahrin1  
Habiba@mahrin20301339:~$ mkdir habibamahrin2  
Habiba@mahrin20301339:~$ mv 20301339_1.txt habibamahrin1/
```



Move yourID_1.txt, yourID_2.txt, yourID_3.txt in YourName1 directory

```
Habiba@mahrin20301339: ~  
Habiba@mahrin20301339:~$ mv 20301339_1.txt habibamahrin1/  
Habiba@mahrin20301339:~$ mv 20301339_2.txt habibamahrin1/  
Habiba@mahrin20301339:~$ mv 20301339_3.txt habibamahrin1/
```



Copy yourID_1.txt, yourID_2.txt to YourName2 directory
Create another directory YourName3

```
p: cannot stat '20301339_1.txt': no such file or directory
abiba@mahrin20301339:~$ cp habibamahrin1/20301339_1.txt habibamahrin2/
abiba@mahrin20301339:~$ cp habibamahrin1/20301339_2.txt habibamahrin2/
abiba@mahrin20301339:~$ mkdir habibamahrin3
abiba@mahrin20301339:~$
```

Copy the YourName1 directory along with its contents to the YourName3 directory
Go into the YourName3 directory
Check the permissions of files/directory
Change permissions for both groups and others to only read-execute for all the files
Go back to one directory
Print all directories and files in the current working directory
Move the YourName3 folder to the root directory
Delete the rest of the files and folders in the current working directory

Try 'cp --help' for more information.

```
Habiba@mahrin20301339:~$ cp -r habibamahrin1 habibamahrin3
```

```
Habiba@mahrin20301339:~$ cd habibamahrin3
```

```
Habiba@mahrin20301339:~/habibamahrin3$ ls -l
```

```
total 4
```

```
drwxr-xr-x 2 Habiba habiba 4096 ফেব 26 14:00 habibamahrin1
```

```
Habiba@mahrin20301339:~/habibamahrin3$ chmod -R go=rx *
```

```
Habiba@mahrin20301339:~/habibamahrin3$ cd ..
```

```
Habiba@mahrin20301339:~$ ls -la
```

```
total 140
```

```
drwxr-x---+ 24 Habiba habiba 4096 ফেব 26 13:52 .
drwxr-xr-x  5 root    root    4096 ফেব  2 2023 ..
-rw-r--r--  1 Habiba habiba   0 ফেব 26 13:08 20301339_4.txt
-rw-----  1 Habiba habiba 5873 ফেব 26 13:16 .bash_history
-rw-r--r--  1 Habiba habiba  220 ফেব  1 2023 .bash_logout
-rw-r--r--  1 Habiba habiba 3771 ফেব  1 2023 .bashrc
drwx----- 15 Habiba habiba 4096 ফেব 17 2023 .cache
drwx----- 17 Habiba habiba 4096 ফেব  4 2023 .config
drwxr-xr-x  3 Habiba habiba 4096 ফেব 26 12:33 Desktop
drwx-----  2 Habiba habiba 4096 মা রুচ 2 2023 .docker
drwxr-xr-x  2 Habiba habiba 4096 মা রুচ 2 2023 dockerfiles
drwxr-xr-x  2 Habiba habiba 4096 ফেব  3 2023 Documents
drwxr-xr-x  2 Habiba habiba 4096 এপ্রি ল 10 2023 Downloads
drwx-----  2 Habiba habiba 4096 ফেব 26 13:13 .gnupg
drwxr-xr-x  2 Habiba habiba 4096 ফেব 26 13:49 habibamahrin1
drwxr-xr-x  2 Habiba habiba 4096 ফেব 26 13:51 habibamahrin2
drwxr-xr-x  3 Habiba habiba 4096 ফেব 26 14:00 habibamahrin3
-rw-----  1 Habiba habiba   20 ফেব  3 2023 .lessht
drwx-----  3 Habiba habiba 4096 ফেব  2 2023 .local
drwx-----  3 Habiba habiba 4096 ফেব  2 2023 .mozilla
drwxr-xr-x  2 Habiba habiba 4096 ফেব  3 2023 Music
-rw-r--r--  1 Habiba habiba  491 এপ্রি ল 10 2023 new_task.py
drwxr-xr-x  3 Habiba habiba 4096 ফেব  2 2023 Pictures
-rw-r--r--  1 Habiba habiba  807 ফেব  1 2023 .profile
drwxr-xr-x  2 Habiba habiba 4096 ফেব  2 2023 Public
drwx-----  4 Habiba habiba 4096 ফেব  2 2023 snap
drwx-----  2 Habiba habiba 4096 ফেব  2 2023 .ssh
-rw-r--r--  1 Habiba habiba   0 ফেব  2 2023 .sudo_as_admin_successful
drwxr-xr-x  2 Habiba habiba 4096 ফেব  2 2023 Templates
drwx-----  6 Habiba habiba 4096 ফেব  2 2023 .thunderbird
drwxr-xr-x  2 Habiba habiba 4096 ফেব  2 2023 Videos
-rw-----  1 Habiba habiba 9953 এপ্রি ল 10 2023 .viminfo
drwxr-xr-x  7 Habiba habiba 4096 মা রুচ  2 2023 website
-rw-r--r--  1 Habiba habiba  593 এপ্রি ল 10 2023 worker.py
```

```
Habiba@mahrin20301339:~$ mv habibamahrin3/
```

```
mv: missing destination file operand after 'habibamahrin3/'
```

Try 'mv --help' for more information.

```
Habiba@mahrin20301339:~$ mv habibamahrin3 /
```

```
mv: cannot create directory '/habibamahrin3': Permission denied
```

```
Habiba@mahrin20301339:~$ rm -rf 20301339_*.txt habibamahrin1 habibamahrin2
```

```
Habiba@mahrin20301339:~$
```

```

touch 20301339_1.txt 20301339_2.txt 20301339_3.txt 20301339_4.txt
mkdir habibamahrin1 habibamahrin2
mv 20301339_1.txt habibamahrin1/
mv 20301339_2.txt habibamahrin1/
mv 20301339_3.txt habibamahrin1/
cp 20301339_1.txt habibamahrin2/
cp 20301339_2.txt habibamahrin2/
mkdir habibamahrin3
cp -r habibamahrin1 habibamahrin3
cd habibamahrin3
ls -l
chmod -R go=rx *
cd ..
ls -la
mv habibamahrin3 /
rm -rf 20301339_*.txt habibamahrin1 habibamahrin2

```

QUE 1(b)

```

Habiba@mahrin20301339:~$
Habiba@mahrin20301339:~$ nano course.txt
Habiba@mahrin20301339:~$ grep -c "cse" course.txt
0
Habiba@mahrin20301339:~$ grep -c "Cse" course.txt
grep: Cse: No such file or directory
Habiba@mahrin20301339:~$ grep -c "Cse" course.txt
0
Habiba@mahrin20301339:~$ grep -c "CSE" course.txt
3
Habiba@mahrin20301339:~$

```

```

course.text
1 Course IDs:
2 CSE360
3 CSE321
4 CSE460
5 HUM112
6 Course Name:
7 Operating Systems
8 Computer interfacing
9 VLSI Design
10 Sections:
11 3
12 3
13 8
14

```

QUE 1(c) Show all the hidden files in your root directory.

```
Habiba@mahrin20301339:~$ ls -a /  
.  
..  
bin  
boot  
cdrom  
dev  
etc  
home  
lib  
lib32  
lib64  
libx32  
lost+found  
media  
mnt  
opt  
proc  
root  
run  
sbin  
snap  
srv  
sys  
tmp  
usr  
var
```

QUE 1(d) Show only lines 5-17 of a .txt file (you have to create a file containing more than 17 line)

```
Habiba@mahrin20301339:~$ nano course.txt  
Habiba@mahrin20301339:~$ head -n 17 course.txt | tail -n +5  
HUM112  
Course Name:  
Operating Systems  
Computer interfacing  
VLSI Design  
Sections:  
3  
3  
8  
what is your name?  
hi!!!  
Mid exams are close..  
jnccccc..  
Habiba@mahrin20301339:~$
```

Open ▾



course.txt

~/

```
1 Course IDs:
2 CSE360
3 CSE321
4 CSE460
5 HUM112
6 Course Name:
7 Operating Systems
8 Computer interfacing
9 VLSI Design
10 Sections:
11 3
12 3
13 8
14 what is your name?
15 hi!!!
16 Mid exams are close..
17 jncccccc...
18 ??????????
19 .....
```