

ASSIGNMENT No: 1-A

1. pwd

```
mllab08@mllab08:~$ cd /home/mllab08/33341
mllab08@mllab08:~/33341$ pwd
/home/mllab08/33341
```

2. cd

```
mllab08@mllab08:~/33341$ cd /home/mllab08/111
mllab08@mllab08:~/111$ cd /home/mllab08/33341
```

3. cd -

```
itsmj99@DESKTOP:/mnt/e/MJ/COLLEGE/PICT/OSL$ pwd
/mnt/e/MJ/COLLEGE/PICT/OSL

itsmj99@DESKTOP:/mnt/e/MJ/COLLEGE/PICT/OSL$ cd -
/home/itsmj99
```

4. ls

```
mllab08@mllab08:~/33341$ ls
'Assignment 1.odt'
```

5. ls -R

```
mllab08@mllab08:~/33341$ ls -R
.:
'Assignment 1.odt'
```

6. ls -a

```
mllab08@mllab08:~/33341$ ls /home -a
.  ..  mllab08
```

7. ls -al

```
mllab08@mllab08:~/33341$ ls /home -al
total 12
drwxr-xr-x  3 root    root    4096 Feb 26  2019 .
drwxr-xr-x 24 root    root    4096 May 18 17:03 ..
drwxr-xr-x 30 mllab08 mllab08 4096 Jul 20 09:10 mllab08
```

8. ls -path

```
mllab08@mllab08:~/33341$ ls /home/mllab08/Pictures
a
'Screenshot from 2023-06-09 12-21-53.png'
'Screenshot from 2023-07-18 10-49-54.png'
'Screenshot from 2023-07-19 14-16-10.png'
'Screenshot from 2023-07-19 14-42-07.png'
```

9. cat

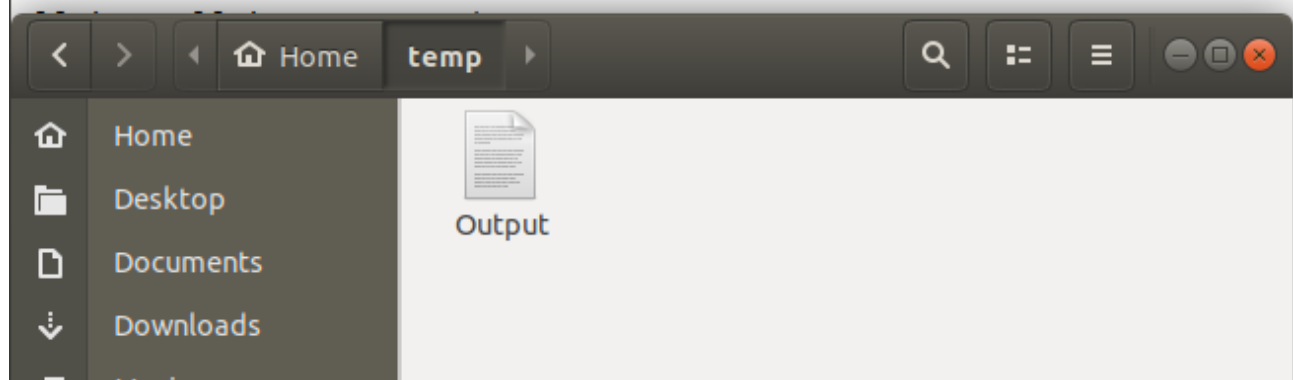
```
mllab08@mllab08:~/33341$ cat >NewFile
working of CAT command
^Z
[2]+  Stopped                  cat > NewFile
mllab08@mllab08:~/33341$ cat NewFile
working of CAT command
```

10. cat file1 file2>output

```
mllab08@mllab08:~/33341$ cat >NewFile2
2nd File Created
^Z
[3]+  Stopped                  cat > NewFile2
mllab08@mllab08:~/33341$ cat NewFile2
2nd File Created
mllab08@mllab08:~/33341$ cat NewFile NewFile2>Output
mllab08@mllab08:~/33341$ cat Output
working of CAT command
2nd File Created
```

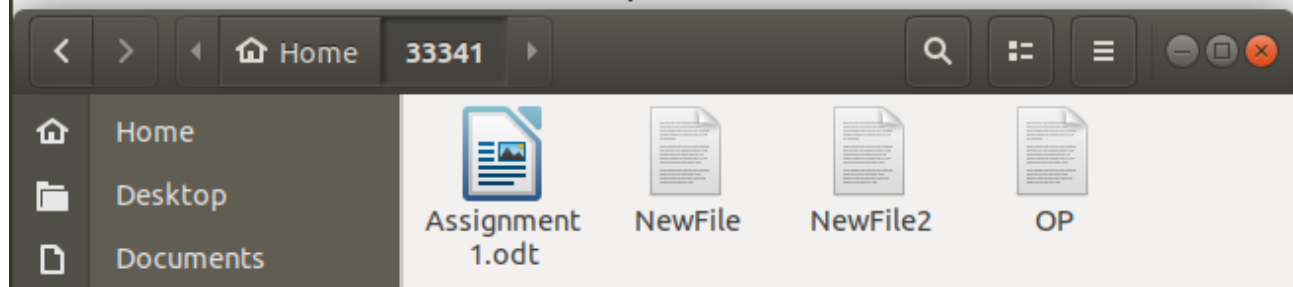
11. cp

```
mllab08@mllab08:~/33341$ cp Output /home/mllab08/temp
```



12. mv

```
mllab08@mllab08:~/33341$ mv Output OP
```



13. mkdir

```
mllab08@mllab08:~/33341$ mkdir temp
mllab08@mllab08:~/33341$ ls
'Assignment 1.odt'  NewFile  NewFile2  OP  temp
```

14. rmdir

```
mllab08@mllab08:~/33341$ mkdir temp
mllab08@mllab08:~/33341$ ls
'Assignment 1.odt'  NewFile  NewFile2  OP  temp
```

15. rm -r dir

```
mllab08@mllab08:~/33341$ mkdir todelete
mllab08@mllab08:~/33341$ cd todelete
mllab08@mllab08:~/33341/todelete$ cat >example
this folder and file will be deleted
^Z
[4]+  Stopped                  cat > example
mllab08@mllab08:~/33341/todelete$ ls
example
mllab08@mllab08:~/33341/todelete$ cd ..

mllab08@mllab08:~/33341$ rm -r todelete
mllab08@mllab08:~/33341$ ls
'Assignment 1.odt'  NewFile  NewFile2  OP
```

16. touch

```
itsmj99@DESKTOP:~$ touch example.txt
itsmj99@DESKTOP:~$ ls
example.txt
```

17. locate -i file

```
mllab08@mllab08:~/33341$ locate -i l11.txt
/home/mllab08/Desktop/l11.txt
```

18. find

```
mllab08@mllab08:~/33341$ find Output
find: 'Output': No such file or directory
mllab08@mllab08:~/33341$ find OP
OP
```

19. grep

```
mllab08@mllab08:~/33341$ cat OP
working of CAT command
2nd File Created
mllab08@mllab08:~/33341$ grep CAT OP
working of CAT command
```

20. df

/dev/loop19	477952	477952	0	100%	/snap/netbeans/76
/dev/loop15	302848	302848	0	100%	/snap/vlc/2344
/dev/loop27	75648	75648	0	100%	/snap/core22/750
/dev/loop17	358144	358144	0	100%	/snap/gnome-3-38-2004/140
/dev/loop28	168832	168832	0	100%	/snap/gnome-3-28-1804/194
/dev/loop20	491264	491264	0	100%	/snap/netbeans/80
/dev/loop36	497280	497280	0	100%	/snap/gnome-42-2204/120
/dev/loop32	1536	1536	0	100%	/snap/gnome-system-monitor/184
/dev/loop24	2176	2176	0	100%	/snap/gnome-calculator/945
/dev/loop16	896	896	0	100%	/snap/gnome-logs/119
/dev/loop30	358144	358144	0	100%	/snap/gnome-3-38-2004/143
/dev/loop29	65024	65024	0	100%	/snap/core20/1974
/dev/loop31	57088	57088	0	100%	/snap/core18/2751
/dev/loop38	512	512	0	100%	/snap/gnome-characters/785
/dev/loop34	328192	328192	0	100%	/snap/vlc/3078
/dev/loop33	119680	119680	0	100%	/snap/core/14946
tmpfs	804968	16	804952	1%	/run/user/121
tmpfs	804968	88	804880	1%	/run/user/1000
/dev/loop14	128	128	0	100%	/snap/bare/5
/dev/loop7	65024	65024	0	100%	/snap/core20/1891
/dev/loop37	144128	144128	0	100%	/snap/gnome-3-26-1604/104
/dev/loop21	1536	1536	0	100%	/snap/gnome-system-monitor/181
/dev/loop22	68992	68992	0	100%	/snap/jupyter/6
/dev/loop23	56448	56448	0	100%	/snap/angstrom/2
/dev/loop8	75648	75648	0	100%	/snap/core22/817
/dev/loop25	512	512	0	100%	/snap/gnome-characters/789
/dev/loop26	57088	57088	0	100%	/snap/core18/2785
/dev/loop12	144128	144128	0	100%	/snap/gnome-3-26-1604/111
/dev/loop11	2176	2176	0	100%	/snap/gnome-calculator/934
/dev/loop13	322176	322176	0	100%	/snap/eclipse/66
/dev/loop10	223744	223744	0	100%	/snap/gnome-3-34-1804/90

21. du

```
mllab08@mllab08:~/33341$ du  
656      .
```

22. head

```
mllab08@mllab08:~/33341$ head -n 1 OP  
working of CAT command  
mllab08@mllab08:~/33341$ head OP  
working of CAT command  
2nd File Created
```

23. tail

```
working of CAT command  
2nd File Created  
mllab08@mllab08:~/33341$ tail -n 1 OP  
2nd File Created
```

24. diff

```
mllab08@mllab08:~/33341$ cat NewFile  
working of CAT command  
mllab08@mllab08:~/33341$ cat OP  
working of CAT command  
2nd File Created  
mllab08@mllab08:~/33341$ diff NewFile OP  
1a2  
> 2nd File Created
```

25. chmod

```
itsmj99@DESKTOP:/mnt/e/MJ/COLLEGE/PICT/OSL$ chmod +x myscript.sh
```

26. chown

```
itsmj99@DESKTOP:~$ cat >example.txt
just checking
^Z
[1]+  Stopped                  cat > example.txt

itsmj99@DESKTOP:~$ cat example.txt
just checking

itsmj99@DESKTOP:~$ chown root example.txt
chown: changing ownership of 'example.txt': Operation not permitted
```

27. kill

```
itsmj99@DESKTOP:~$ kill 12345
-bash: kill: (12345) - No such process

itsmj99@DESKTOP:~$ kill -9 54321
-bash: kill: (54321) - No such process
```

28. sudo

```
itsmj99@DESKTOP-JG3D9HC:/mnt/c/Users/MADHAV$ cat >temp.txt
hello 1234567890
^Z
[1]+  Stopped                  cat > temp.txt

itsmj99@DESKTOP-JG3D9HC:/mnt/c/Users/MADHAV$ sudo chown root temp.txt
[sudo] password for itsmj99:
```

29. man chmod

CHMOD(1)

User Commands

CHMOD(1)

NAME

chmod - change file mode bits

SYNOPSIS

```
chmod [OPTION]... MODE[,MODE]... FILE...  
chmod [OPTION]... OCTAL-MODE FILE...  
chmod [OPTION]... --reference=RFILE FILE...
```

DESCRIPTION

This manual page documents the GNU version of **chmod**. **chmod** changes the file mode bits of each given file according to mode, which can be either a symbolic representation of changes to make, or an octal number representing the bit pattern for the new mode bits.

The format of a symbolic mode is [ugoa...][[-+=[perms...]]...], where perms is either zero or more letters from the set **rwXst**, or a single letter from the set **ugo**. Multiple symbolic modes can be given, separated by commas.

A combination of the letters **ugoa** controls which users' access to the file will be changed: the user who owns it (**u**), other users in the file's group (**g**), other users not in the file's group (**o**), or all users (**a**). If none of these are given, the effect is as if (**a**) were given, but bits that are set in the umask are not affected.

The operator **+** causes the selected file mode bits to be added to the existing file mode bits of each file; **-** causes them to be removed; and **=** causes them to be added and causes unmentioned bits to be removed except that a directory's unmentioned set user and group ID bits are

Manual page chmod(1) line 1 (press h for help or q to quit)