

# OS-Lab-2

Roll No: 24P-0706

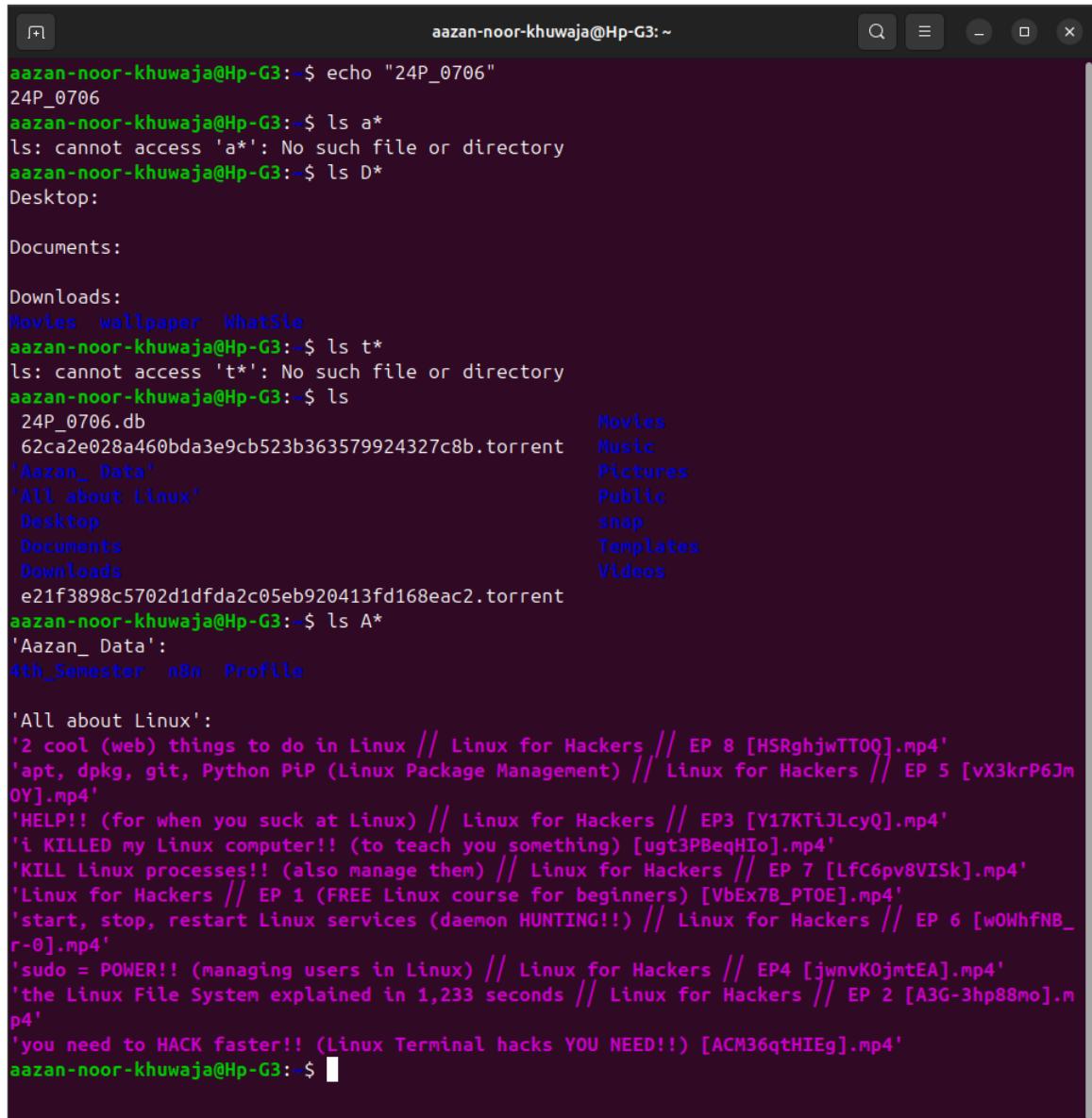
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Dept: BS-CS

Section: 4B

## Commands Execution

### 1. The Asterisk \*command:



The screenshot shows a terminal window with a dark background and light-colored text. The title bar reads "aazan-noor-khuwaja@Hp-G3: ~". The terminal displays the following session:

```
aazan-noor-khuwaja@Hp-G3:~$ echo "24P_0706"
24P_0706
aazan-noor-khuwaja@Hp-G3:~$ ls a*
ls: cannot access 'a*': No such file or directory
aazan-noor-khuwaja@Hp-G3:~$ ls D*
Desktop:

Documents:

Downloads:
Movies wallpaper WhatSie
aazan-noor-khuwaja@Hp-G3:~$ ls t*
ls: cannot access 't*': No such file or directory
aazan-noor-khuwaja@Hp-G3:~$ ls
24P_0706.db                               Movies
62ca2e028a460bda3e9cb523b363579924327c8b.torrent   Music
'Aazan_Data'                                Pictures
'All about Linux'                           Public
Desktop                                     snap
Documents                                    Templates
Downloads                                     Videos
e21f3898c5702d1dfda2c05eb920413fd168eac2.torrent
aazan-noor-khuwaja@Hp-G3:~$ ls A*
'Aazan_Data':
4th_Semester n8n Profile

'All about Linux':
'2 cool (web) things to do in Linux // Linux for Hackers // EP 8 [HSRghjwTTQO].mp4'
'apt, dpkg, git, Python PiP (Linux Package Management) // Linux for Hackers // EP 5 [vX3krP6Jm
0Y].mp4'
'HELP!! (for when you suck at Linux) // Linux for Hackers // EP3 [Y17KTiJLcyQ].mp4'
'i KILLED my Linux computer!! (to teach you something) [ugt3PBeqHIO].mp4'
'KILL Linux processes!! (also manage them) // Linux for Hackers // EP 7 [LfC6pv8VISk].mp4'
'Linux for Hackers // EP 1 (FREE Linux course for beginners) [VbEx7B_PT0E].mp4'
'start, stop, restart Linux services (daemon HUNTING!!) // Linux for Hackers // EP 6 [wOWhfNB_
r-0].mp4'
'sudo = POWER!! (managing users in Linux) // Linux for Hackers // EP4 [jwnvKOjmtEA].mp4'
'the Linux File System explained in 1,233 seconds // Linux for Hackers // EP 2 [A3G-3hp88mo].m
p4'
'you need to HACK faster!! (Linux Terminal hacks YOU NEED!!) [ACM36qtHIEg].mp4'
aazan-noor-khuwaja@Hp-G3:~$ █
```

### 2. Auto Completion TAB:

```

aazan-noor-khuwaja@Hp-G3:~$ ls
24P_0706.db                               Movies
62ca2e028a460bda3e9cb523b363579924327c8b.torrent  Music
'Aazan_ Data'                            Pictures
'All about Linux'                         Public
Desktop                                snap
Documents                               Templates
Downloads                               Videos
e21f3898c5702d1dfda2c05eb920413fd168eac2.torrent

aazan-noor-khuwaja@Hp-G3:~$ A
Aazan_ Data/    All about Linux/
aazan-noor-khuwaja@Hp-G3:~$ Aazan_\ Data/
4th_Semester/ n8n/          Profile/
aazan-noor-khuwaja@Hp-G3:~$ Aazan_\ Data/█

```

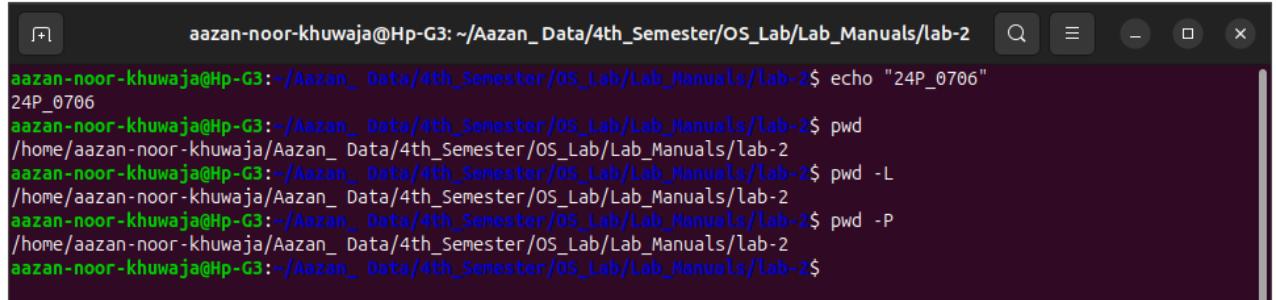
### 3. Redirection

```

aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ echo "24P_0706" 24P_0706
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ touch prac.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ ls > prac.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ cat < prac
bash: prac: No such file or directory
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ cat < prac.txt
Lab-02-Manual-Basic-linux-Commands .pdf
prac.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ ls /home/aazan-noor-khuwaja/ > prac.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ cat < prac.txt
24P_0706.db
62ca2e028a460bda3e9cb523b363579924327c8b.torrent
Aazan_Data
All about Linux
Desktop
Documents
Downloads
e21f3898c5702d1dfda2c05eb920413fd168eac2.torrent
Movies
Music
Pictures
Public
Snap
Templates
Videos
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ touch errors.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ pwd > errors.txt
Command 'pwd' not found, did you mean:
  command 'psd' from deb profile-sync-daemon (6.50-1)
  command 'pd' from deb puredata-core (0.54.1+ds-3)
  command 'pwd' from deb coreutils (9.4-3ubuntu6.1)
  command 'pdd' from deb pdd (1.7-1)
Try: sudo apt install <deb name>
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ pwd > errors.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ cat < errors.txt
Command 'pwd' not found, did you mean:
  command 'pwd' from deb coreutils (9.4-3ubuntu6.1)
  command 'pdd' from deb pdd (1.7-1)
  command 'pd' from deb puredata-core (0.54.1+ds-3)
  command 'psd' from deb profile-sync-daemon (6.50-1)
Try: sudo apt install <deb name>
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ ls -lh > prac.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ cat < prac.txt
total 1.6M
-rw-rw-r-- 1 aazan-noor-khuwaja aazan-noor-khuwaja 267 Jan 28 17:45 errors.txt
-rw-rw-r-- 1 aazan-noor-khuwaja aazan-noor-khuwaja 1.6M Jan 28 17:12 Lab-02-Manual-Basic-linux-Commands .pdf
-rw-rw-r-- 1 aazan-noor-khuwaja aazan-noor-khuwaja 0 Jan 28 17:46 prac.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ █

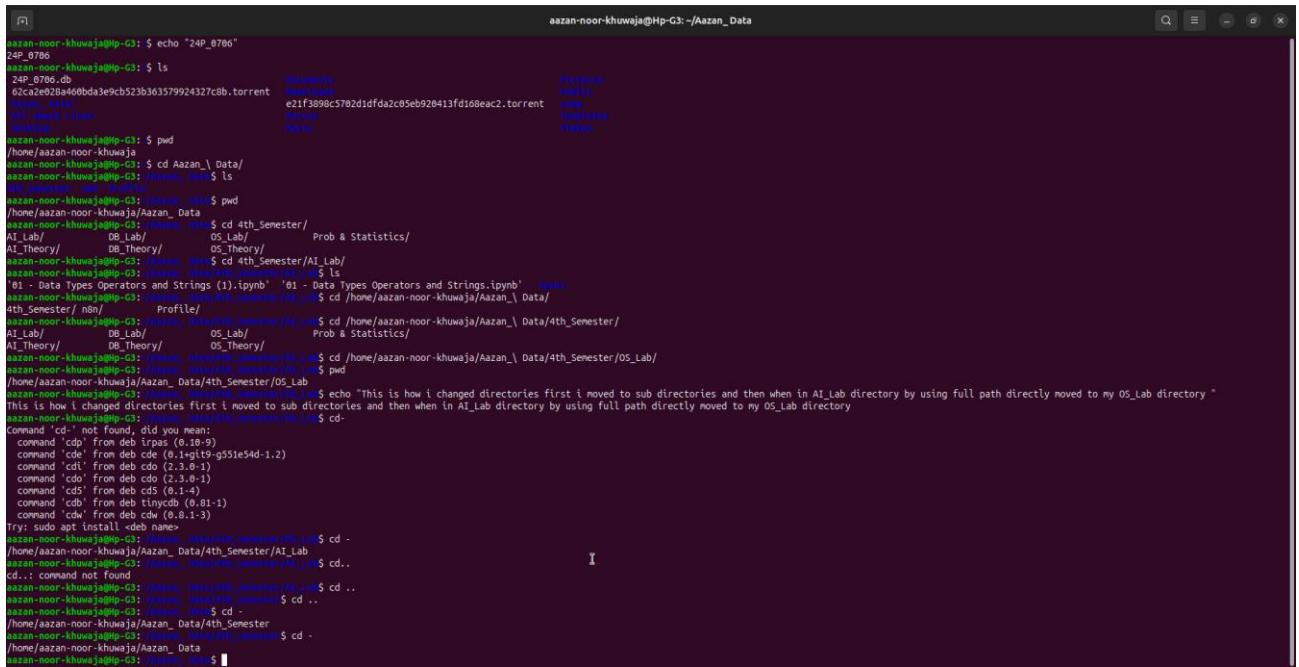
```

#### 4. Pwd Command:



```
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ echo "24P_0706"
24P_0706
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ pwd
/home/aazan-noor-khuwaja/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ pwd -L
/home/aazan-noor-khuwaja/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ pwd -P
/home/aazan-noor-khuwaja/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$
```

#### 5. Cd command:



```
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data
24P_0706
aazan-noor-khuwaja@Hp-G3: $ ls
24P_0706.db          Documents           Pictures
02cae028a460bda3e9cb523b3d3579924327c8b.torrent   Desktop            Public
e21f3898c5702d1dfda2c05eb920413fd108eac2.torrent   Downloads          Templates
Music             Pictures
Videos             Public
aazan-noor-khuwaja@Hp-G3: $ cd Aazan_Data/
aazan-noor-khuwaja@Hp-G3: ~/Aazan_Data $ ls
aazan-noor-khuwaja@Hp-G3: ~/Aazan_Data $ pwd
/home/aazan-noor-khuwaja
aazan-noor-khuwaja@Hp-G3: ~/Aazan_Data $ cd 4th_Semester/
aazan-noor-khuwaja@Hp-G3: ~/Aazan_Data/4th_Semester $ cd AI_Lab/
AI_Lab/               08_Lab/              Prob & Statistics/
AI_Theory/            08_Theory/           05_Theory/
aazan-noor-khuwaja@Hp-G3: ~/Aazan_Data/4th_Semester/AI_Lab/ $ ls
'01 - Data Types Operators and Strings (1).ipynb'  '01 - Data Types Operators and Strings.ipynb'  '0000
aazan-noor-khuwaja@Hp-G3: ~/Aazan_Data/4th_Semester/AI_Lab $ cd /home/aazan-noor-khuwaja/Aazan_Data/
4th_Semester/          Profile/
aazan-noor-khuwaja@Hp-G3: ~/Aazan_Data/4th_Semester/Profile $ cd /home/aazan-noor-khuwaja/Aazan_Data/4th_Semester/
AI_Lab/               08_Lab/              Prob & Statistics/
AI_Theory/            08_Theory/           05_Theory/
aazan-noor-khuwaja@Hp-G3: ~/Aazan_Data/4th_Semester/Profile $ cd /home/aazan-noor-khuwaja/Aazan_Data/4th_Semester/OS_Lab/
aazan-noor-khuwaja@Hp-G3: ~/Aazan_Data/4th_Semester/OS_Lab $ pwd
/home/aazan-noor-khuwaja/Aazan_Data/4th_Semester/OS_Lab
aazan-noor-khuwaja@Hp-G3: ~/Aazan_Data/4th_Semester/OS_Lab $ echo "This is how I changed directories first I moved to sub directories and then when in AI_Lab directory by using full path directly moved to my OS_Lab directory "
This is how I changed directories first I moved to sub directories and then when in AI_Lab directory by using full path directly moved to my OS_Lab directory
aazan-noor-khuwaja@Hp-G3: ~/Aazan_Data/4th_Semester/OS_Lab $ cd -
Command 'cd -' not found, did you mean:
command 'cdp' from deb deb-patches(0.3)
command 'cde' from deb cde (0.1git5-g551e54d-1.2)
command 'cdi' from deb cde (0.1git5-g551e54d-1.2)
command 'cdj' from deb cdo (2.3.0-1)
command 'cdl' from deb cdo (2.3.0-1)
command 'cds' from deb cds (0.1-4)
command 'cdb' from deb tinydb (0.0.1-1)
command 'cdw' from deb deb (0.6.1-3)
Try: sudo apt install deb name>
aazan-noor-khuwaja@Hp-G3: ~/Aazan_Data/4th_Semester/OS_Lab $ cd -
/home/aazan-noor-khuwaja/Aazan_Data/4th_Semester/AI_Lab
aazan-noor-khuwaja@Hp-G3: ~/Aazan_Data/4th_Semester/AI_Lab $ cd ..
cd..: command not found
aazan-noor-khuwaja@Hp-G3: ~/Aazan_Data/4th_Semester/OS_Lab $ cd ..
aazan-noor-khuwaja@Hp-G3: ~/Aazan_Data/4th_Semester $ cd -
/home/aazan-noor-khuwaja/Aazan_Data/4th_Semester
aazan-noor-khuwaja@Hp-G3: ~/Aazan_Data/4th_Semester $ cd ..
/home/aazan-noor-khuwaja/Aazan_Data
aazan-noor-khuwaja@Hp-G3: ~/Aazan_Data $
```

## 6. Ls Command:

```
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester$ echo "24P_0706"
24P_0706
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester$ ls
.AI_Lab AI_Theory DB_Lab DB_Theory OS_Lab OS_Theory 'Prob & Statistics' 'SP-2026 Academic Plan.pdf'
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester$ ls OS_Lab/Lab_Manuals/
Lab-1 lab-2 OS_Outline.docx
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester$ cd OS_Lab/
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ ls -R
.:
Lab_Manuals

./Lab_Manuals:
Lab-1 lab-2 OS_Outline.docx

./Lab_Manuals/Lab-1:
24P_0706_OS_LAB_1.docx 'Lab-01-Introduction to linux and installation of Ubuntu.pdf'
24P_0706_OS_LAB_1.pdf 'Material for lab1'

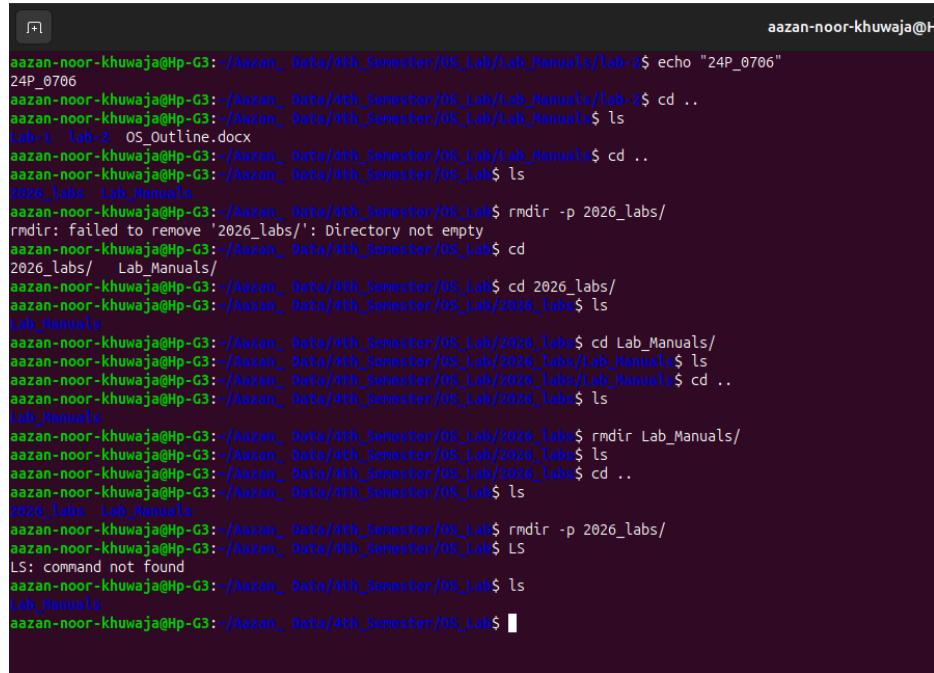
./Lab_Manuals/Lab-1/Material for lab1':
2.jpg 'Screenshot from 2026-01-23 09-23-48.png'
disk_mng.jpg 'Screenshot from 2026-01-23 09-24-00.png'
disk_Space.jpg 'Screenshot from 2026-01-23 09-24-17.png'
rufus.jpg 'Screenshot from 2026-01-23 09-24-49.png'
'Screenshot from 2026-01-22 22-15-50.png' 'Screenshot from 2026-01-23 09-25-17.png'
'Screenshot from 2026-01-22 22-17-41.png' 'Screenshot from 2026-01-23 09-25-28.png'
'Screenshot from 2026-01-22 23-27-12.png' 'Screenshot from 2026-01-23 09-37-21.png'
'Screenshot from 2026-01-23 09-16-45.png' select_iso.jpg
'Screenshot from 2026-01-23 09-21-51.png'

./Lab_Manuals/lab-2:
errors.txt 'Lab-02-Manual-Basic-linux-Commands .pdf' prac.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ ls -a
. ... Lab_Manuals
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ touch .hidden.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ ls -a
. ... .hidden.txt Lab_Manuals
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ ls -lh
total 4.0K
drwxrwxr-x 4 aazan-noor-khuwaja aazan-noor-khuwaja 4.0K Jan 28 17:13 Lab_Manuals
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ cd lab-2
bash: cd: lab-2: No such file or directory
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ ls
Lab_Manuals
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ cd Lab_Manuals/
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals$ ls
Lab-1 lab-2 OS_Outline.docx
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals$ ls -lh
total 28K
drwxrwxr-x 3 aazan-noor-khuwaja aazan-noor-khuwaja 4.0K Jan 28 17:18 Lab-1
drwxrwxr-x 2 aazan-noor-khuwaja aazan-noor-khuwaja 4.0K Jan 28 17:44 lab-2
-rw-rw-r-- 1 aazan-noor-khuwaja aazan-noor-khuwaja 20K Jan 21 23:59 OS_Outline.docx
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals$
```

## 7. Mkdir command:

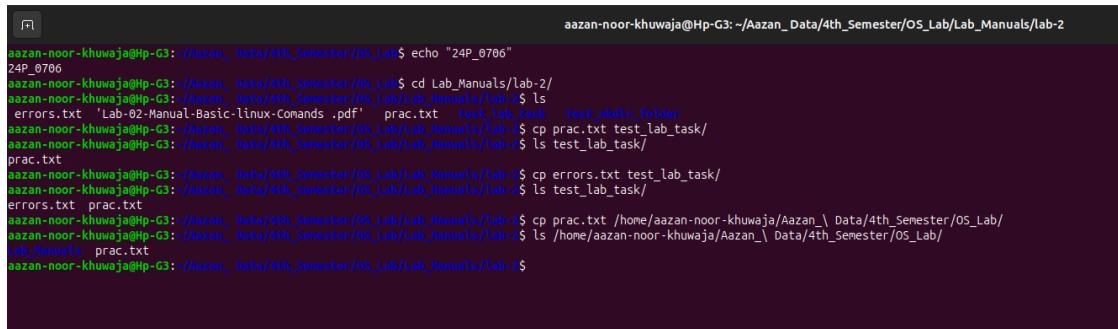
```
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ echo "24P_0706"
24P_0706
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ mkdir test_lab_task
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ ls
errors.txt 'Lab-02-Manual-Basic-linux-Commands .pdf' prac.txt test_lab_task
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ mkdir /home/aazan-noor-khuwaja/Aazan_\ Data/4th_Semester/test_mkdir_folder
mkdir: cannot create directory '/home/aazan-noor-khuwaja/Aazan_\ Data/4th_Semester': File exists
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ mkdir /home/aazan-noor-khuwaja/Aazan_\ Data/4th_Semester/test_mkdir_folder
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ ls /home/aazan-noor-khuwaja/Aazan_\ Data/4th_Semester/
.AI_Lab AI_Theory DB_Lab DB_Theory OS_Lab OS_Theory 'Prob & Statistics' 'SP-2026 Academic Plan.pdf' test_mkdir_folder
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ ls
errors.txt 'Lab-02-Manual-Basic-linux-Commands .pdf' prac.txt test_lab_task test_mkdir_folder
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ /home/aazan-noor-khuwaja/Aazan_\ Data/4th_Semester/OS_Lab/Lab_Manuals/
Lab-1/ lab-2/
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ mkdir -p -v /home/aazan-noor-khuwaja/Aazan_\ Data/4th_Semester/OS_Lab/2026_labs'
mkdir: created directory '/home/aazan-noor-khuwaja/Aazan_\ Data/4th_Semester/OS_Lab/2026_labs'
mkdir: created directory '/home/aazan-noor-khuwaja/Aazan_\ Data/4th_Semester/OS_Lab/2026_labs/Lab_Manuals'
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ ls /home/aazan-noor-khuwaja/Aazan_\ Data/4th_Semester/OS_Lab/
2026_labs Lab_Manuals
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$
```

## 8. rmdir Command:



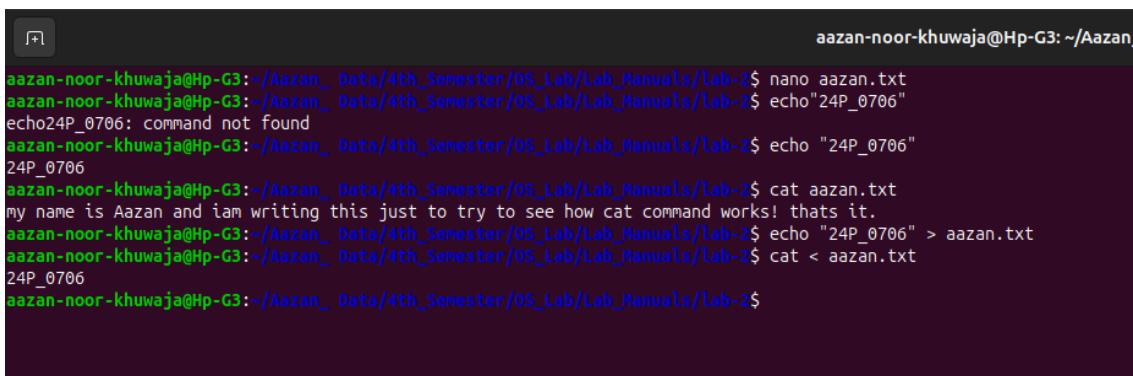
```
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ echo "24P_0706"
24P_0706
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ cd ..
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals$ ls
lab-1 lab-2 OS_outline.docx
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals$ cd ..
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ ls
2026_labs Lab_Manuals
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ rmdir -p 2026_labs/
rmdir: failed to remove '2026_labs/': Directory not empty
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ cd
2026_labs/ Lab_Manuals
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ cd 2026_labs/
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/2026_labs$ ls
Lab_Manuals
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/2026_labs$ cd Lab_Manuals/
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/2026_labs$ ls
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/2026_labs$ cd ..
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ ls
Lab_Manuals
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ rmdir Lab_Manuals/
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ ls
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ cd ..
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ ls
2026_labs Lab_Manuals
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ rmdir -p 2026_labs/
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ LS
LS: command not found
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ ls
Lab_Manuals
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$
```

## 9. Cp Command:



```
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2
24P_0706
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ cd Lab_Manuals/lab-2/
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ ls
errors.txt Lab-02-Manual-Basic-linux-Commands.pdf prac.txt test_lab_task test_mkdir_folder
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ cp prac.txt test_lab_task/
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ ls test_lab_task/
prac.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ cp errors.txt test_lab_task/
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ ls test_lab_task/
errors.txt prac.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ cp prac.txt /home/aazan-noor-khuwaja/Aazan\ Data/4th_Semester/OS_Lab/
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ ls /home/aazan-noor-khuwaja/Aazan\ Data/4th_Semester/OS_Lab/
Lab_Manuals prac.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$
```

## 10. Cat command:



```
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ nano aazan.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ echo "24P_0706"
echo24P_0706: command not found
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ echo "24P_0706"
24P_0706
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ cat aazan.txt
my name is Aazan and iam writing this just to try to see how cat command works! thats it.
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ echo "24P_0706" > aazan.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ cat < aazan.txt
24P_0706
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$
```

## 11. Mv command:

```
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ echo "24P_0706"
24P_0706
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ ls
aazan.txt errors.txt 'Lab-02-Manual-Basic-linux-Comands .pdf' prac.txt test_lab_task test_mkdir_folder
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ mv aazan.txt test_mkdir_folder/
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ ls test_mkdir_folder/
aazan.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ ls
errors.txt 'Lab-02-Manual-Basic-linux-Comands .pdf' prac.txt test_lab_task test_mkdir_folder
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ mv errors.txt prac.txt test_mkdir_folder test_lab_task/
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ ls
'Lab-02-Manual-Basic-linux-Comands .pdf' test_lab_task
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ ls test_lab_task/
errors.txt prac.txt test_mkdir_folder
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ mv test_lab_task /home/aazan-noor-khuwaja/Aazan_Data/4th_Semester/OS_Lab/
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ ls /home/aazan-noor-khuwaja/Aazan_Data/4th_Semester/OS_Lab/
Lab_Manuals prac.txt test_lab_task
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$ ls
'Lab-02-Manual-Basic-linux-Comands .pdf'
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/Lab_Manuals/lab-2$
```

## 12. Rm command:

```
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ echo "24P_0706"
24P_0706
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ ls
Lab_Manuals prac.txt test_lab_task
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ cd test_lab_task/
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/test_lab_task$ ls
errors.txt prac.txt test_mkdir_folder
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/test_lab_task$ rm errors.txt prac.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/test_lab_task$ ls
test_mkdir_folder
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/test_lab_task$ rm -i test_mkdir_folder/
rm: cannot remove 'test_mkdir_folder/': Is a directory
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/test_lab_task$ ls
test_mkdir_folder
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/test_lab_task$ cd test_mkdir_folder/
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/test_lab_task/test_mkdir_folder$ ls
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/test_lab_task/test_mkdir_folder$ rm -i aazan.txt
rm: remove regular file 'aazan.txt'?
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/test_lab_task/test_mkdir_folder$ ls
aazan.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/test_lab_task/test_mkdir_folder$ rm -f aazan.txt
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/test_lab_task/test_mkdir_folder$ ls
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/test_lab_task/test_mkdir_folder$ cd ..
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/test_lab_task$ ls
test_mkdir_folder
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/test_lab_task$ rm -r test_mkdir_folder/
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/test_lab_task$ ls
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/test_lab_task$ cd ..
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ ls
Lab_Manuals prac.txt test_lab_task
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ rm -r prac.txt test_lab_task
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$ ls
Lab_Manuals
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab$
```