

# OS-Lab-2

Roll No: 24P-0706

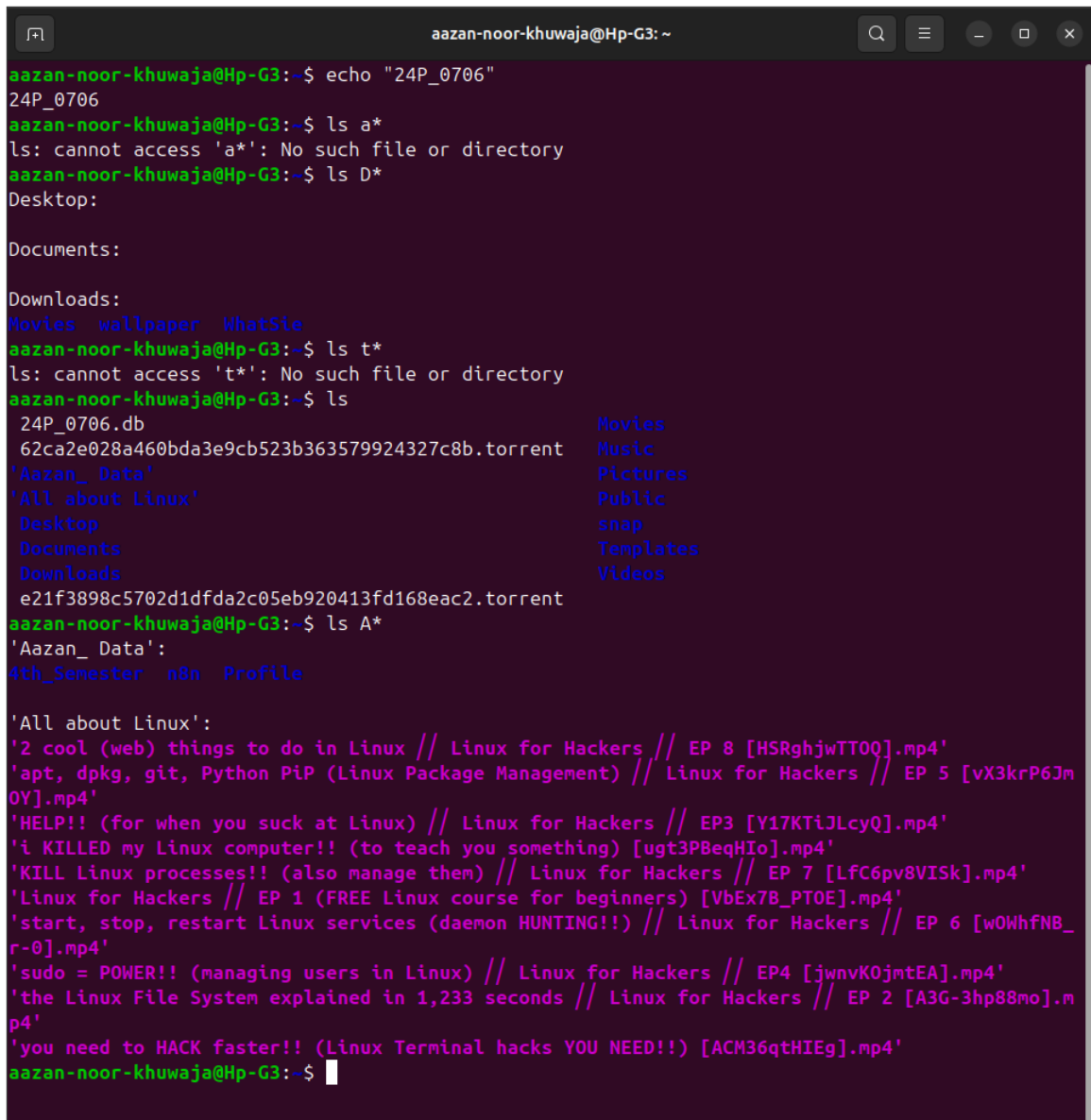
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Dept: BS-CS

Section: 4B

## Commands Execution

### 1. The Asterisk \*command:



```
aazan-noor-khuwaja@Hp-G3: ~  
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 [HSRghjwTT0Q].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 [jwnvK0jmtEA].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: ~  
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  
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/05_Lab/Lab_Manuals/Lab-2$ echo "24P_0706" 24P_0706  
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/05_Lab/Lab_Manuals/Lab-2$ touch prac.txt  
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/05_Lab/Lab_Manuals/Lab-2$ ls > prac.txt  
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/05_Lab/Lab_Manuals/Lab-2$ cat < pra  
bash: pra: No such file or directory  
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/05_Lab/Lab_Manuals/Lab-2$ cat < prac.txt  
Lab-02-Manual-Basic-linux-Comands .pdf  
prac.txt  
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/05_Lab/Lab_Manuals/Lab-2$ ls /home/aazan-noor-khuwaja/ > prac.txt  
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/05_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/05_Lab/Lab_Manuals/Lab-2$ touch errors.txt  
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/05_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/05_Lab/Lab_Manuals/Lab-2$ pwd 2> errors.txt  
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/05_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/05_Lab/Lab_Manuals/Lab-2$ ls -lh > prac.txt  
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/05_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-Comands .pdf  
-rw-rw-r-- 1 aazan-noor-khuwaja aazan-noor-khuwaja  60 Jan 28 17:46 prac.txt  
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/05_Lab/Lab_Manuals/Lab-2$
```

```

aazan-noor-khuwaja@Hp-G3: ~/Aazan_Data
ZAP_0786
aazan-noor-khuwaja@Hp-G3: $ ls
ZAP_0786.cdc
c2ccae92ba460bdab3e5cb523b363579924327c8b.torrent
khanz_hazm
Will send later
aazan-noor-khuwaja@Hp-G3: $ pwd
/home/aazan-noor-khuwaja
aazan-noor-khuwaja@Hp-G3: $ cd Aazan_\ Data/
aazan-noor-khuwaja@Hp-G3: /aazan_noor$ ls
aazan-noor-khuwaja@Hp-G3: /aazan_noor$ pwd
/home/aazan-noor-khuwaja/Aazan_Data
aazan-noor-khuwaja@Hp-G3: /aazan_noor$ cd 4th_Semester/
AI_Lab/ OS_Lab/ Prob & Statistics/
AI_Theory/ DS_Theory/ OS_Theory/
aazan-noor-khuwaja@Hp-G3: /aazan_noor$ cd 4th_Semester/AI_Lab/
aazan-noor-khuwaja@Hp-G3: /aazan_noor-khuwaja/Aazan_Data/4th_Semester/AI_Lab$ ls
'01 - Date Types Operators and Strings (1).ipynb' '01 - Date Types Operators and Strings.ipynb' nbn/
aazan-noor-khuwaja@Hp-G3: /aazan_noor-khuwaja/Aazan_Data/4th_Semester/AI_Lab$ cd /home/aazan-noor-khuwaja/Aazan_\ Data/
4th_Semester/ nbn/ Profile/
aazan-noor-khuwaja@Hp-G3: /aazan_noor-khuwaja/Aazan_Data/4th_Semester/AI_Lab$ cd /home/aazan-noor-khuwaja/Aazan_\ Data/4th_Semester/
AI_Lab/ OS_Lab/ Prob & Statistics/
AI_Theory/ DS_Theory/ OS_Theory/
aazan-noor-khuwaja@Hp-G3: /aazan_noor-khuwaja/Aazan_Data/4th_Semester/AI_Lab$ cd /home/aazan-noor-khuwaja/Aazan_\ Data/4th_Semester/OS_Lab/
aazan-noor-khuwaja@Hp-G3: /aazan_noor-khuwaja/Aazan_Data/4th_Semester/OS_Lab$ pwd
/home/aazan-noor-khuwaja/Aazan_Data/4th_Semester/OS_Lab
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_noor-khuwaja/Aazan_Data/4th_Semester/AI_Lab$ cd -
Command 'cd' not found, did you mean:
command 'cdc' from deb cdc (0.1-9)
command 'cde' from deb cde (0.1+git9-g551e54d-1.2)
command 'cdi' from deb cdi (2.3.0-1)
command 'cdo' from deb cdo (2.3.0-1)
command 'cdt' from deb cds (0.1-4)
command 'cdb' from deb tincdb (0.81-1)
command 'cdw' from deb cdw (0.81-3)
Try: sudo apt install -deb name=
aazan-noor-khuwaja@Hp-G3: /home/aazan-noor-khuwaja/Aazan_Data/4th_Semester/AI_Lab$ cd -
/home/aazan-noor-khuwaja/Aazan_Data/4th_Semester/AI_Lab
aazan-noor-khuwaja@Hp-G3: /aazan_noor-khuwaja/Aazan_Data/4th_Semester/AI_Lab$ cd ..
cd... command not found
aazan-noor-khuwaja@Hp-G3: /aazan_noor-khuwaja/Aazan_Data/4th_Semester/AI_Lab$ cd ..
aazan-noor-khuwaja@Hp-G3: /aazan_noor-khuwaja/Aazan_Data$ cd ..
aazan-noor-khuwaja@Hp-G3: /aazan_noor-khuwaja/Aazan_Data$ cd ..
aazan-noor-khuwaja@Hp-G3: /aazan_noor-khuwaja/Aazan_Data$ cd -
/home/aazan-noor-khuwaja/Aazan_Data/4th_Semester
aazan-noor-khuwaja@Hp-G3: /home/aazan-noor-khuwaja/Aazan_Data$ cd -
/home/aazan-noor-khuwaja/Aazan_Data
aazan-noor-khuwaja@Hp-G3: /home/aazan-noor-khuwaja/Aazan_Data$ cd -
/home/aazan-noor-khuwaja/Aazan_Data

```

## 6. Ls Command:

```
aazan-noor-khuwaja@Hp-G3: ~/Aazan
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 09-27-21.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-Comands .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
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-Comands .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-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$ /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/Lab_Manuals/
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/Lab_Manuals$ ls
aazan-noor-khuwaja@Hp-G3:~/Aazan_Data/4th_Semester/OS_Lab/2026_labs/Lab_Manuals$ cd ..
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$ rmdir 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
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$ echo "24P_0706"
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-llinux-Comands.pdf  prac.txt  test_lab_task  test_lab_task/
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
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/
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
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$
```