## **CHAPTER 4 COMMANDS:**

```
1. NAUTILUS command was not working in MACOS pesktop Labor_Munamimad_Anas
                                                                                                          PUDIIC
     Documents
                                       Lab_01_part_02_anas
                                                                        Music
                                                                                                          cpu
     Downloads
                                      Library
                                                                        Pictures
                                                                                                          cpu.c
     HU-IMAC-VGL06:~ ma08458$ man nautilus
     Unknown locale, assuming C
No manual entry for nautilus
HU-IMAC-VGL06:~ ma08458$
```

2. Dolphin command also not working:

```
HU-IMAC-VGL06:~ ma08458$ dolphin
bash: dolphin: command not found
HU-IMAC-VGL06:~ ma08458$
```

3. \$pwd

```
-bash: dolphin: command not foun
HU-IMAC-VGL06:~ ma08458$ pwd
/Users/ma08458
HU-IMAC-VGL06:~ ma08458$
```

4. cd /usr/local/bin and then check the directory

```
HU-IMAC-VGL06:~ ma08458$ pwd
/Users/ma08458
HU-IMAC-VGL06:~ ma08458$ cd /usr/local/bin
HU-IMAC-VGL06:bin ma08458$ pwd
/usr/local/bin
HU-IMAC-VGL06:bin ma08458$ ■
```

5. \$ cd .. and then check the current directory

```
/usr/local/bin
[HU-IMAC-VGL06:bin ma08458$ cd ..
[HU-IMAC-VGL06:local ma08458$ owd
-bash: owd: command not found
[HU-IMAC-VGL06:local ma08458$ pwd
/usr/local
HU-IMAC-VGL06:local ma08458$
```

6. \$ Is commands (Is , Is/ , Is -a)

```
/usr/local
|HU-IMAC-VGL06:local ma08458$ ls
bin
|HU-IMAC-VGL06:local ma08458$ ls /
Applications Network Users bin dev home private tmp var
Library System Volumes cores etc opt sbin usr
|HU-IMAC-VGL06:local ma08458$ ls -a
. . . bin
|HU-IMAC-VGL06:local ma08458$
```

\$-1 is added for displaying files on separate lines
[HU-IMAC-VGL06:local ma08458\$ ls -a -1
...
bin
[HU-IMAC-VGL06:local ma08458\$ ls -a
... bin
HU-IMAC-VGL06:local ma08458\$

7. \$ file < filename >

```
Users/ma08458
NU-IMAC-VGL06:ma08458 ma08458$ file lab_1_Muhammad_Anas
ab_1_Muhammad_Anas: Unicode text, UTF-8 text, with very long lines (1104), with CRLF, CR, LF line terminators, with escape sequences
iking
```

8. \$less <filename>

```
Script started on Tue Aug 20 10:58:46 2024

The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh'.
For more details, please visit https://support.apple.com/kb/HT208050.

ESC[7:304hash-3-2.524

Su Mo Tu We The Fr Sa

1 2 3

4 5 6 7 8 9 10

11 12 13 14 15 16 17

18 19 ESC[7:304hash-3-2.534

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Dash-3.25 das ESC[Ke
Tue Aug 20 17:60:6
```

It opened the file given in command

9. \$ mkdir <filename>

```
HU-IMAC-VGL06:ma08458 ma08458$ less lab_1_Muhammad_Anas
HU-IMAC-VGL06:ma08458 ma08458$ mkdir python cpp java r
HU-IMAC-VGL06:ma08458 ma08458$
```

```
HU-IMAC-VGL06:ma08458 ma08458 mkdir python cpp java r

HU-IMAC-VGL06:ma08458 ma08458$ ls

Desktop Lab01_Muhammad_Anas Movies Public cpu.c python

Documents Lab_01_part_02_anas Music cpp java r

Downloads Library Pictures cpu lab_1_Muhammad_Anas

HU-IMAC-VGL06:ma08458 ma08458$
```

10. \$ touch <filename>

```
Downloads Library Pictures cpu lab_1_Muhammad_Anas
HU-IMAC-VGL06:ma08458 ma08458$ touch hello.txt
HU-IMAC-VGL06:ma08458 ma08458 s Public cpu.c lab_1_Muhammad_Anas
Desktop Lab01_Muhammad_Anas Movies Public cpu.c lab_1_Muhammad_Anas
Documents Lab_01_part_02_anas Music cpp hello.txt python
Downloads Library Pictures cpu java r
HU-IMAC-VGL06:ma08458 ma08458$
```

11. \$ cat > <filename>

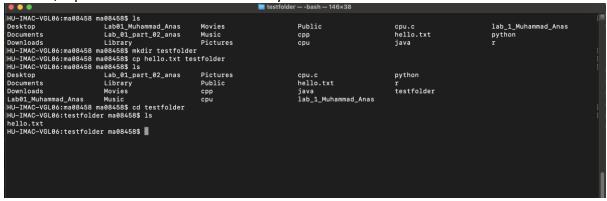
(this command for stuck and was not giving any output)

```
ma08458 — cat — 146×38

[HU-IMAC-VGL06:ma08458 ma08458$ cat > hello.txt

^C
[HU-IMAC-VGL06:ma08458 ma08458$ cat > lab_1_Muhammad_Anas
```

12. \$ cp <item1> <item2> ... <directory>



I created a folder using mkdir command and then copied a file "hello.txt" to that folder and ensured it was copied using Is command

13. \$ softlink command:

```
HU-IMAC-VGL06:testfolder ma08458$ ln -s hello.txt sample_link

[HU-IMAC-VGL06:testfolder ma08458$ ls
hello.txt sample_link

HU-IMAC-VGL06:testfolder ma08458$

HU-IMAC-VGL06:testfolder ma08458$
```