

1. What is the command to change directory and how to move one directory back?

= “cd” is the command to change directories. We can move one directory back with the help of “cd ..” command.

2. What is the command to make directory named IPHONE and IPAD and remove the directory named IPAD?

= “mkdir” is the command used to create a directory name IPHONE and IPAD, and to remove the directory named IPAD we have to use “rmdir” command.

```
naomi@DESKTOP-1377DP0:~/Desktop$ mkdir IPHONE
naomi@DESKTOP-1377DP0:~/Desktop$ mkdir IPAD
naomi@DESKTOP-1377DP0:~/Desktop$ ls
IPAD  IPHONE
naomi@DESKTOP-1377DP0:~/Desktop$ rmdir IPAD
naomi@DESKTOP-1377DP0:~/Desktop$ ls
IPHONE
naomi@DESKTOP-1377DP0:~/Desktop$ |
```

3. Make a directory name TextDocuments in the desktop and make 3 text files: **textfile1.txt**, **textfile2.txt** and **textfile3.txt** inside the TextDocument.

```
naomi@DESKTOP-1377DP0:~/Desktop$ mkdir TextDocuments
naomi@DESKTOP-1377DP0:~/Desktop$ cd TextDocuments
naomi@DESKTOP-1377DP0:~/Desktop/TextDocuments$ touch textfile1.txt textfile2.txt textfile3.txt
naomi@DESKTOP-1377DP0:~/Desktop/TextDocuments$ ls
textfile1.txt textfile2.txt textfile3.txt
naomi@DESKTOP-1377DP0:~/Desktop/TextDocuments$ |
```

4. Remove the directory TextDocuments and contents within it.

```
naomi@DESKTOP-1377DP0:~/Desktop/TextDocuments$ cd ..  
naomi@DESKTOP-1377DP0:~/Desktop$ rm -r TextDocuments  
naomi@DESKTOP-1377DP0:~/Desktop$ ls  
IPHONE  
naomi@DESKTOP-1377DP0:~/Desktop$ |
```

5. What is the command to list all the invisible files and to display the directories in detail?

- a. ls -a
- b. ls -l
- c. ls -al

**Ans:**

```
naomi@DESKTOP-1377DP0:~/Desktop$ ls -a  
.  ..  IPHONE  
naomi@DESKTOP-1377DP0:~/Desktop$ ls -l  
total 4  
drwxr-xr-x 2 naomi naomi 4096 Jan 16 14:28 IPHONE  
naomi@DESKTOP-1377DP0:~/Desktop$ |
```

= “ls -a” is the command used to list all the invisible files and “ls -l” is the command used to display the directories in detail.

6. How to remove the commands from screen without closing the terminal?

= By using the command called “clear” we can remove the commands from screen without closing the terminal.

7. Which command is used to find out the path of the current working directory (folder) you’re in?

= The command called “pwd” is used to find out the path of the current working directory (folder) that we are in.

8. What is the command to check which directory are you currently working on?

= “pwd” is the command we use to check which directory we are currently working on.

9. What is the difference between?

- a. cd ..
- b. cd
- c. cd -

= The difference between cd .., cd, cd -, is given below:

a. cd .. : This command is used to navigate to the previous directory or to get back to the directory from before. It is also known as parent directory.

```
naomi@DESKTOP-1377DP0:~/Desktop$ cd ..  
naomi@DESKTOP-1377DP0:~$ |
```

b. cd : This command is used to navigate the home directory.

```
naomi@DESKTOP-1377DP0:~$ cd Desktop  
naomi@DESKTOP-1377DP0:~/Desktop$ |
```

c. cd -- : This command is used to navigate us to the root directory.

```
naomi@DESKTOP-1377DP0:~/Desktop$ cd --  
naomi@DESKTOP-1377DP0:~$ |
```

10. Create a file name name.txt on Desktop and add text “Hello, my name is John” into the file.

```
naomi@DESKTOP-1377DP0:~/Desktop$ echo 'name.txt'> name.txt
naomi@DESKTOP-1377DP0:~/Desktop$ ls
IPHONE  name.txt  next.txt
```

```
naomi@DESKTOP-1377DP0:~/Desktop$ echo 'Hello, my name is John'>name.txt
naomi@DESKTOP-1377DP0:~/Desktop$ ls
IPHONE  name.txt  next.txt
naomi@DESKTOP-1377DP0:~/Desktop$ cat name.txt
Hello, my name is John
naomi@DESKTOP-1377DP0:~/Desktop$ |
```

11. Copy new.txt from the current directory to a Document directory.

```
naomi@DESKTOP-1377DP0:~/Desktop$ cp new.txt Document
naomi@DESKTOP-1377DP0:~/Desktop$ cd Document
naomi@DESKTOP-1377DP0:~/Desktop/Document$ ls
new.txt
naomi@DESKTOP-1377DP0:~/Desktop/Document$ |
```

=

12. Compress the file “name.txt” into a zip archive.

```
naomi@DESKTOP-1377DP0:~/Desktop$ gzip name.txt
naomi@DESKTOP-1377DP0:~/Desktop$ ls
Document  IPHONE  name.txt.gz  new.txt  next.txt
naomi@DESKTOP-1377DP0:~/Desktop$ |
```

=

13. **df** is used to get the report of disk space uses on the system. The results shown is KBs. What if I want to see the report in megabytes?

```
naomi@DESKTOP-1377DP0:~/Desktop$ df -m
Filesystem      1M-blocks    Used Available Use% Mounted on
none              1899         1      1899    1% /mnt/wsl
drivers          242949  97882    145067   41% /usr/lib/wsl/drivers
none              1899         0      1899    0% /usr/lib/wsl/lib
/dev/sdc         1031019    1012    977562    1% /
none              1899         1      1899    1% /mnt/wslg
rootfs           1896         2      1894    1% /init
none              1899         0      1899    0% /run
none              1899         0      1899    0% /run/lock
none              1899         0      1899    0% /run/shm
none              1899         0      1899    0% /run/user
tmpfs             1899         0      1899    0% /sys/fs/cgroup
none              1899         1      1899    1% /mnt/wslg/versions.txt
none              1899         1      1899    1% /mnt/wslg/doc
drvfs            242949  97882    145067   41% /mnt/c
naomi@DESKTOP-1377DP0:~/Desktop$ |
```

14. What is the command to move file KAT.txt from directory Pictures to directory Videos if the full path of Pictures directory is /home/user/Pictures?

```
naomi@DESKTOP-1377DP0:~/Desktop$ mkdir home
naomi@DESKTOP-1377DP0:~/Desktop$ cd home
naomi@DESKTOP-1377DP0:~/Desktop/home$ mkdir user
naomi@DESKTOP-1377DP0:~/Desktop/home$ cd user
naomi@DESKTOP-1377DP0:~/Desktop/home/user$ mkdir pictures videos
naomi@DESKTOP-1377DP0:~/Desktop/home/user$ ls
pictures  videos
naomi@DESKTOP-1377DP0:~/Desktop/home/user$ cd pictures
naomi@DESKTOP-1377DP0:~/Desktop/home/user/pictures$ touch Kat.txt
naomi@DESKTOP-1377DP0:~/Desktop/home/user/pictures$ ls
Kat.txt
naomi@DESKTOP-1377DP0:~/Desktop/home/user/pictures$ cd ..
```

Naomi Thing (Group 4)

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```
naomi@DESKTOP-1377DP0:~/Desktop/home/user$ mv pictures/Kat.txt videos
naomi@DESKTOP-1377DP0:~/Desktop/home/user$ ls
pictures  videos
naomi@DESKTOP-1377DP0:~/Desktop/home/user$ |
```