## **Assignment 1**

- 1. Ubuntu, RedHat and Centos.
- 2. The man command in Unix/Linux is used to display the user manual of any command that you can run on the system. It provides detailed documentation about commands, including their usage, options.
- 3. rm command Write: man rm

```
NAME

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```

rmdir command Write : man rmdir

## 4. a.

```
> ls -R
.:
Desktop dir1 docs Documents Downloads Music Pictures Public snap Templates Videos
./Desktop:
./dir1:
dir11 dir12
./dir1/dir11:
file1
./dir1/dir11/file1:
./docs:
mycv
./Documents:
oldFiles
```

b. I can't remove it because it is not empty so I need to remove what is in it first.

```
rmdir dir1/dir11
rmdir: failed to remove 'dir1/dir11': Directory not empty

rm dir1/dir11/file1
rm: cannot remove 'dir1/dir11/file1': Is a directory

rm dir1/dir11/file1
rm: cannot remove 'dir1/dir11/file1': Is a directory

rmdir dir1/dir11/file1

rmdir dir1/dir11
```

c. This command won't work because OldFiles isn't a directory.

```
> rmdir -p Documents/OldFiles
rmdir: failed to remove 'Documents/OldFiles': Not a directory
```

## I should try:

```
> rm Documents/OldFiles
```

d. Absolute path : /home/user/docs/mycvRelative path : docs/mycv

5.

```
/ fi
/ cp etc/passwd ~/mypasswd

/ fi
/ ls ~
Desktop Downloads mypasswd Public Templates
Documents Music Pictures snap Videos

. ^
```

6.

```
> mv ~/mypasswd ~/oldpasswd
```

7.

```
/usr/bin  via  v3.10.12

/usr/bin via  v3.10.12

/usr/bin via  v3.10.12

/usr/bin via  v3.10.12

/usr/bin via  v3.10.12

/usr/bin via  v3.10.12

/usr/bin via  v3.10.12
```

8.

```
ls /usr/bin/w*
                     /usr/bin/which.debianutils
usr/bin/w
/usr/bin/w3m
                     /usr/bin/whiptail
                     /usr/bin/who
/usr/bin/w3mman
/usr/bin/wall
                     /usr/bin/whoami
usr/bin/watch
                     /usr/bin/whoopsie
                     /usr/bin/whoopsie-preferences
/usr/bin/watchgnupg
/usr/bin/wbmptopbm
                     /usr/bin/winicontoppm
                     /usr/bin/word-list-compress
/usr/bin/wc
/usr/bin/wdctl
                     /usr/bin/wpa_passphrase
/usr/bin/wget
                     /usr/bin/write
/usr/bin/whatis
                     /usr/bin/write.ul
/usr/bin/whereis
                     /usr/bin/www-browser
/usr/bin/which
```

9. The type command in Linux is used to determine the type of a command or a command's source.

```
> type cd cd is a shell builtin
```

10.

```
| Sur/bin/ce|
|
```

11.

```
interfaces to stdio FILE structureinterfaces to stdio FILE structurereposition read/write file offset
                        read/write system parametersdumps the content of a man-db database in a human readable format

    asynchronous read
    read from and write to ALSA RawMIDI ports
    set architecture-specific thread state
    set/get capabilities of thread(s)

rch_prctl (2)
apget (2)
apset (2)
                        - set/get capabilities of thread(s)
                        - Decode a Ricoh DDST stream into human readable form.
pkg-reconfigure (8) - reconfigure an already installed package
endaliasent (3)
eventfd_read (3)
                        - create a file descriptor for event notification
exit_group (2)
                        - read a wide character from a FILE stream
getwc (3)
getws (3)
                        - read a wide-character string from a FILE stream
                        - Translate an xml or a text file into an embosser-ready braille file
                        - binary stream input/output
read (3)
read_unlocked (3)
                        - nonlocking stdio functions
                        - manipulate thread-local storage information
et_thread_area (2)
etaliasbyname (3)
                        - read an alias entry
etaliasbyname r (3) - read an alias entry
etaliasent (3)
                        - read an alias entry
etaliasent r (3)
                           determine CPU and NUMA node on which the calling thread is running
ettid (2)
                           get thread identification
etwc (3)
                           read a wide character from standard input
                           Decode a GIPD stream into human readable form.
```

 The apropos command in Linux is used to search the manual page descriptions for a specified keyword.
 13.

```
nano script.sh
took 4m15s
cat script.sh
#!/bin/bash
#Create a directory called "myDirectory" in your home folder
mkdir -p ~/myDirectory
#Inside "myDirectory," create another directory named "secondDirectory"
mkdir -p ~/myDirectory/secondDirectory
#Within "secondDirectory," create a file named "myNotePaper"
touch ~/myDirectory/secondDirectory/myNotePaper
#Copy "myNotePaper" from "secondDirectory" to "myDirectory"
cp ~/myDirectory/secondDirectory/myNotePaper ~/myDirectory/
#Rename the copied file in "myDirectory" to "myOldNotePaper"
mv ~/myDirectory/myNotePaper ~/myDirectory/myOldNotePaper
# Notify the user that the script has completed
echo "Script executed successfully. All tasks are completed!"
> chmod +x script.sh
```

)./script.sh
Script executed successfully. All tasks are completed!

