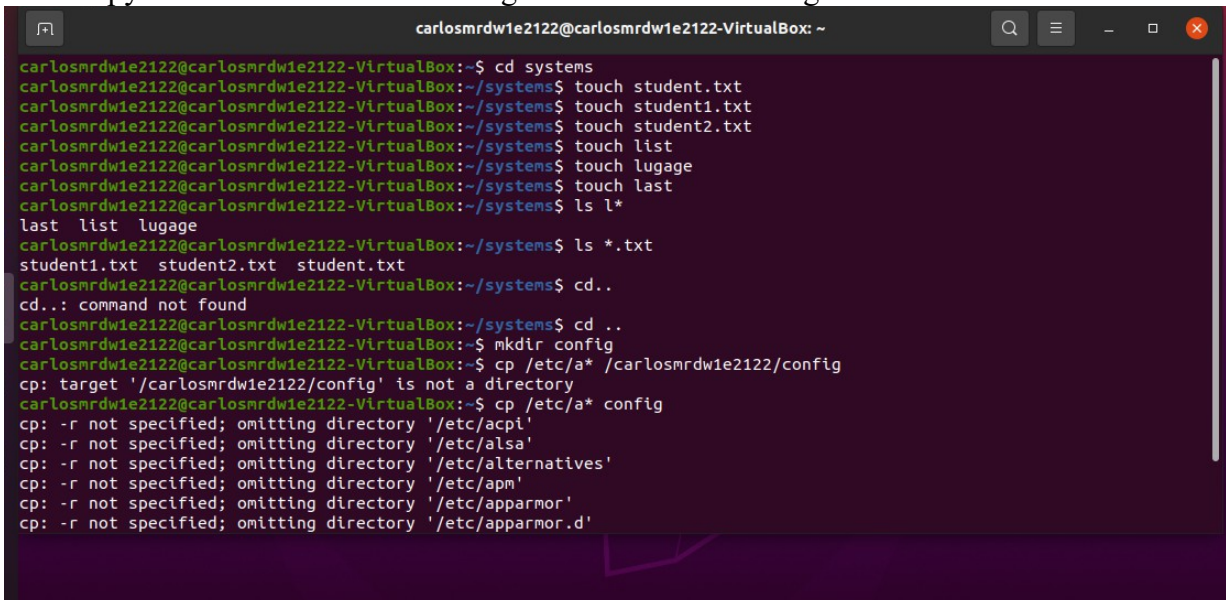


1. Change the current directory to /home/
2. Create a directory called systems
3. Create a directory called exercises. Go to this directory and create another new directory called programming
4. Go back to the user's home directory. Delete the directories "exercises" and "programming" using just one command. Create the directories again with one command.
5. Print the contents of the root directory
6. Print all the files and directories that begin with d in the /usr/bin directory
7. List all the files and directories in /etc, including subdirectories
8. Create the empty files called student.txt, student1.txt, student2.txt, list, luggage and last in the directory named "systems"
9. Print all the files that begin with "l" in the directory "systems"
10. Print all the files that end with ".txt" in the directory "systems"
11. Create a new directory into \$HOME called "config"
12. Copy all the files in /etc which begin with "a" into "config"



```
carlosmrw1e2122@carlosmrw1e2122-VirtualBox: ~  
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~$ cd systems  
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/systems$ touch student.txt  
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/systems$ touch student1.txt  
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/systems$ touch student2.txt  
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/systems$ touch list  
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/systems$ touch luggage  
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/systems$ touch last  
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/systems$ ls l*  
last  list  luggage  
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/systems$ ls *.txt  
student1.txt  student2.txt  student.txt  
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/systems$ cd..  
cd.: command not found  
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/systems$ cd..  
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~$ mkdir config  
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~$ cp /etc/a* /carlosmrw1e2122/config  
cp: target '/carlosmrw1e2122/config' is not a directory  
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~$ cp /etc/a* config  
cp: -r not specified; omitting directory '/etc/acpi'  
cp: -r not specified; omitting directory '/etc/alsa'  
cp: -r not specified; omitting directory '/etc/alternatives'  
cp: -r not specified; omitting directory '/etc/apm'  
cp: -r not specified; omitting directory '/etc/apparmor'  
cp: -r not specified; omitting directory '/etc/apparmor.d'
```

13. Delete all the files in "config" which end with "conf" B. COPY, RENAME AND EDIT FILES Create the following directory structure in /home//exercises Linux Management Directories 2 exercises Africa Asia Tunisia Egypt Seul Laos

```
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox: ~/config
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~$ cd config
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~/config$ rm conf*
rm: cannot remove 'conf*': No such file or directory
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~/config$ rm *conf
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~/config$
```

14. Create the following files using nano (or another editor): song.doc (write a few lines of a song) in the directory Egypt; tv.doc (write the name of your favourite TV programs) in the directory Seul and marks (write the marks you expect to get this year) in the directory Tunisia. CHANGE THE CURRENT DIRECTORY TO AFRICA AND DO THE FOLLOWING EXERCISES USING RELATIVE PATHS

```
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox: ~/exercises
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~/config$ cd ../exercises
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~/exercises$ mkdir -p Africa/Tunisia Africa/Egypt Asia/Seul Asia/Laos
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~/exercises$ ls -R
.:
Africa Asia programming
./Africa:
Egypt Tunisia
./Africa/Egypt:
./Africa/Tunisia:
./Asia:
Laos Seul
./Asia/Laos:
./Asia/Seul:
./programming:
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~/exercises$
```

```
GNU nano 4.8 Africa/Egypt/song.doc Modified
songsongsongsong
song song song song
songsongsongsong
song song song song
```

```
GNU nano 4.8 Asia/Seul/tv.doc Modified
Don't watch TV
Don't watch tv
Don't watch tv
Don't watch tv
```

15. Copy the file “song.doc” into “Laos”
16. Copy the file “tv.doc” into “Egypt” with the name “radio.txt”
17. Rename the file “marks” to “exam.wri” (it is located in the directory named Tunisia)
18. Copy the file “song.doc” (located in “Egypt”) inside “Tunisia”
19. Print the content of the current directory using long listing format

```
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox: ~/exercises
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~/exercises$ cp Asia/Seul/tv.doc Africa/Egypt/radio.txt
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~/exercises$ mv Africa/Tunisia/marks.doc Africa/Tunisia/exam.wri
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~/exercises$ cp Africa/Egypt/song.doc Africa/Tunisia
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~/exercises$ ls -l
total 12
drwxrwxr-x 4 carlosmrdw1e2122 carlosmrdw1e2122 4096 nov 18 16:48 Africa
drwxrwxr-x 4 carlosmrdw1e2122 carlosmrdw1e2122 4096 nov 18 16:48 Asia
drwxrwxr-x 2 carlosmrdw1e2122 carlosmrdw1e2122 4096 nov 18 16:36 programming
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~/exercises$
```

20. Rename the file “song.doc” (located in “Laos”) to “aa.doc”
 21. Create the directory “Others” in “Laos”
 22. Rename the directory named “programming” (which you created in the first exercises) to pro-c.
 23. Create the following directory tree in “exercises” (using as few commands as possible) ONE TWO THREE Linux Management Directories 3
 24. Copy the files with txt extension from the directory named “systems” to “exercises”.
 25. Move the files you copied in the exercise above to the directory THREE.
 26. Delete the directory named THREE, including all the files and, if so, subdirectories
- CHANGE INTO SYSTEMS AND DO THE FOLLOWING EXERCISES USING ABSOLUTE PATHS

```
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox: ~/exercises
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~/exercises$ mv Asia/Laos/song.doc Asia/Laos/aa.doc
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~/exercises$ cd Asia/Laos
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~/exercises/Asia/Laos$ mkdir Others
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~/exercises/Asia/Laos$ mv ../../programming ../../pro-c
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~/exercises/Asia/Laos$ mkdir -p ../../ONE/TWO ../../ONE/THREE
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~/exercises/Asia/Laos$ cd
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~$ cp systems/*txt /exercises
cp: target '/exercises' is not a directory
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~$ cp systems/*txt exercises
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~$ mv exercises/*txt exercises/ONE/THREE
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~$ rm -rf exercises/ONE/THREE
carlosmrdw1e2122@carlosmrdw1e2122-VirtualBox:~$
```

27. Copy the files that end with “txt” of the directory named “systems” to “Tunisia”
28. Copy the file “tv.doc” (located in “Seul”) to the directory named “exercises”
29. Rename the file student1.txt (located in “Tunisia”) to tuition.txt
30. Create a new directory called “earth” into “systems”. Create another directory called “countries” inside “earth”
31. Rename “Africa” (located in “exercises”) to “Afri” NOW YOU CAN BE PLACED IN THE

DIRECTORY YOU WANT

```
carlosmrw1e2122@carlosmrw1e2122-VirtualBox: ~/exercises
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/exercises$ cp /home/carlosmrw1e2122/systems/*txt /home/carlosmrw1e2122/exercises/Africa/Tunisia
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/exercises$ cp /home/carlosmrw1e2122/exercises/Asia/Seul /home/carlosmrw1e2122/exercises
cp: -r not specified; omitting directory '/home/carlosmrw1e2122/exercises/Asia/Seul'
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/exercises$ cp /home/carlosmrw1e2122/exercises/Asia/Seul/tv.doc /home/carlosmrw1e2122/exercises
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/exercises$ mv /home/carlosmrw1e2122/exercises/Africa/Tunisia/student1.txt /home/carlosmrw1e2122/exercises/Africa/Tunisia/tuition.txt
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/exercises$ mkdir -p /home/carlosmrw1e2122/systems/earth/countries
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/exercises$ mkdir -p /home/carlosmrw1e2122/exercises/Africa /home/carlosmrw1e2122/exercises/Africa
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/exercises$
```

32. Move the file “song.doc”, which is located in Egypt, to “Laos” with the name “bb.doc”
33. Copy the files whose name contains the letter “u” from “systems” to “exercises”
34. Print the content of the /etc directory, including subdirectories, in reverse alphabetical order

```
carlosmrw1e2122@carlosmrw1e2122-VirtualBox: ~/exercises
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/exercises$ mv Africa/Egypt/song.doc Asia/Laos/bb.doc
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/exercises$ cp ../systems/*u*
cp: target '../systems/student.txt' is not a directory
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/exercises$ cp ../systems/*u* ../exercises
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/exercises$ ls -r -n /etc/
total 1076
-rw-r--r-- 1 0 0 477 oct 7 2019 zsh_command_not_found
drwxr-xr-x 2 0 0 4096 feb 9 2021 xml
drwxr-xr-x 6 0 0 4096 feb 9 2021 xdg
-rw-r--r-- 1 0 0 642 sep 24 2019 xattr.conf
drwxr-xr-x 11 0 0 4096 feb 9 2021 X11
drwxr-xr-x 2 0 0 4096 nov 11 15:58 wpa_supplicant
-rw-r--r-- 1 0 0 4942 jul 24 2019 wgetrc
drwxr-xr-x 5 0 0 4096 feb 9 2021 vulkan
lrwxrwxrwx 1 0 0 23 oct 31 03:43 vtrgb -> /etc/alternatives/vtrgb
drwxr-xr-x 4 0 0 4096 oct 31 04:02 vmware-tools
drwxr-xr-x 2 0 0 4096 nov 11 16:03 vin
drwxr-xr-x 2 0 0 4096 feb 24 2020 usb_modeswitch.d
-rw-r--r-- 1 0 0 1523 feb 10 2020 usb_modeswitch.conf
drwxr-xr-x 2 0 0 4096 feb 9 2021 UPower
drwxr-xr-x 2 0 0 4096 ene 20 2021 update-notifier
drwxr-xr-x 2 0 0 4096 feb 9 2021 update-motd.d
drwxr-xr-x 3 0 0 4096 feb 9 2021 update-manager
drwxr-xr-x 3 0 0 4096 feb 9 2021 ufw
```

35. How can you print the name of the current directory?
36. Copy the folder “Afri” including files and subdirectories to “Asia”
37. Move all the files and subdirectories of “Laos” to “Seul” and rename it to “Seul2”

```
carlosmrw1e2122@carlosmrw1e2122-VirtualBox: ~/exercises
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/exercises$ pwd
/home/carlosmrw1e2122/exercises
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/exercises$ cp -R Afri Asia
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/exercises$ mv /Asia/Laos Asia/Seul2
mv: cannot stat '/Asia/Laos': No such file or directory
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/exercises$ mv Asia/Laos Asia/Seul2
carlosmrw1e2122@carlosmrw1e2122-VirtualBox:~/exercises$ c
```

Note: I did it using as less as screenshots as possible, It was easier to me and I guess is also easier to correct. **Work smart, not hard.**