COMMAND UTILITIES

1. Which command is used to know the current working directory?

Ans. pwd

2. How would you find out its contents?

Ans. using ls command

3. Identify the commands with inputs to do the following

a. create a directory d1

Ans. mkdir d1

b. create a subdirectory d2 in d1

Ans. cd d1

Mkdir d2

c. change to directory d2

Ans. cd d2

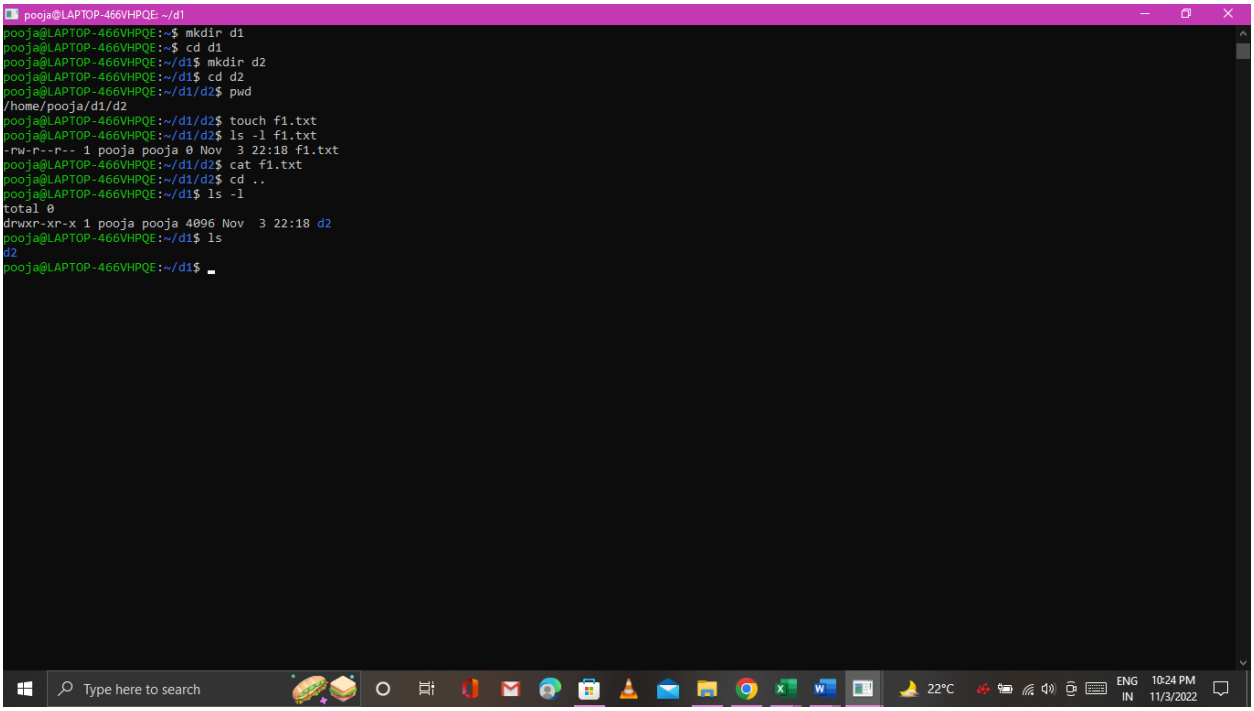
d. create an empty file “f1.txt”

Ans. touch f1.txt

e. display the contents of “f1.txt”

Ans. cat f1.txt

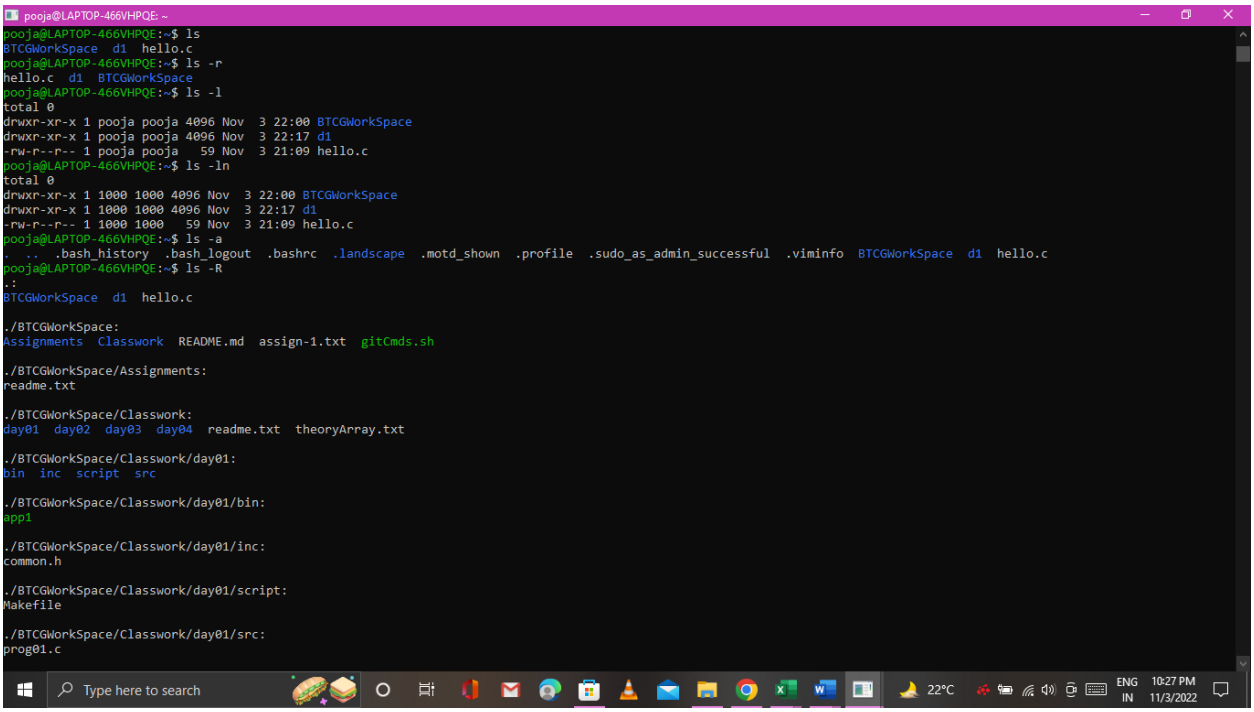
f. view the contents of d1 from current directory d2

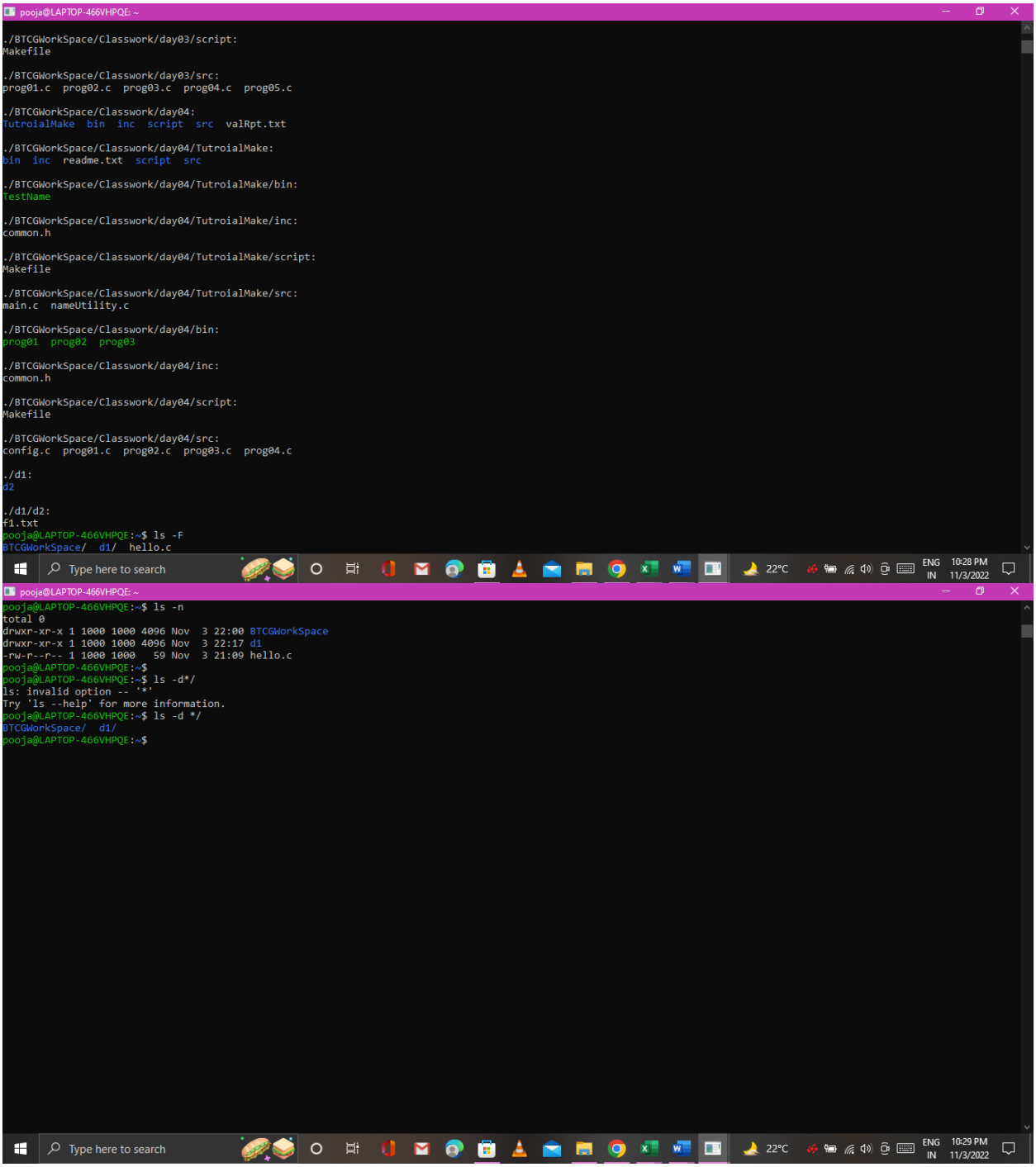


4. Use the ls command with its options. How will you identify directories from the listing?

Ans. ls , ls -r, ls -l, ls -ln, ls -a, ls -R, ls -F, ls -I, ls -n

ls -d */ this command will list only directories





5. Use ls to do the following

a. List files with single character names.

Ans. ls single_char_name*

b. List hidden files also. [Note : Hidden files are files having name started with a “.”]

Ans. ls -a

c. Suppose there are files tb1.1, tb2.1, tb3.1, ….tb10.1. Write command to list all the files [Hint: use wild card characters]

Ans. ls *.1

6. Write the command to list all files in descending order of their size.

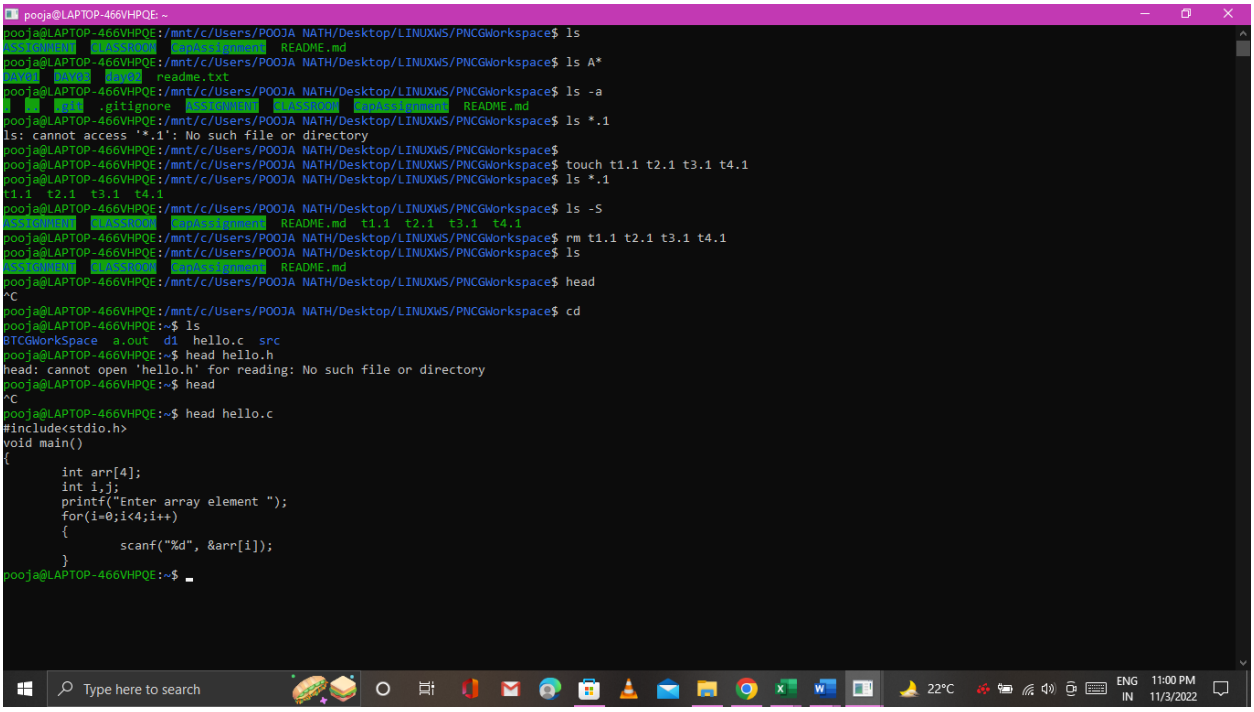
Ans. ls -S

7. Suppose there are files temp1, temp2, temp3. Write command to remove the files without listing them explicitly

Ans. rm temp1 temp2 temp 3

8. Which command is used to list top few lines in the file?

Ans. head



9. Create a directory “testdir”

Ans.

10. Use cp command to do the following

a. Copy the file tb1.1 (created above) in the same directory.

Ans. cp ./tb1.1 ./testdir

b. Write a command to copy all the files i.e tb1.1,tb2.1,tb3.1,…..tb10.1 in a new directory –“new”

Ans. cp *.1 new

c. Create a subdirectory in new in named“new1”.

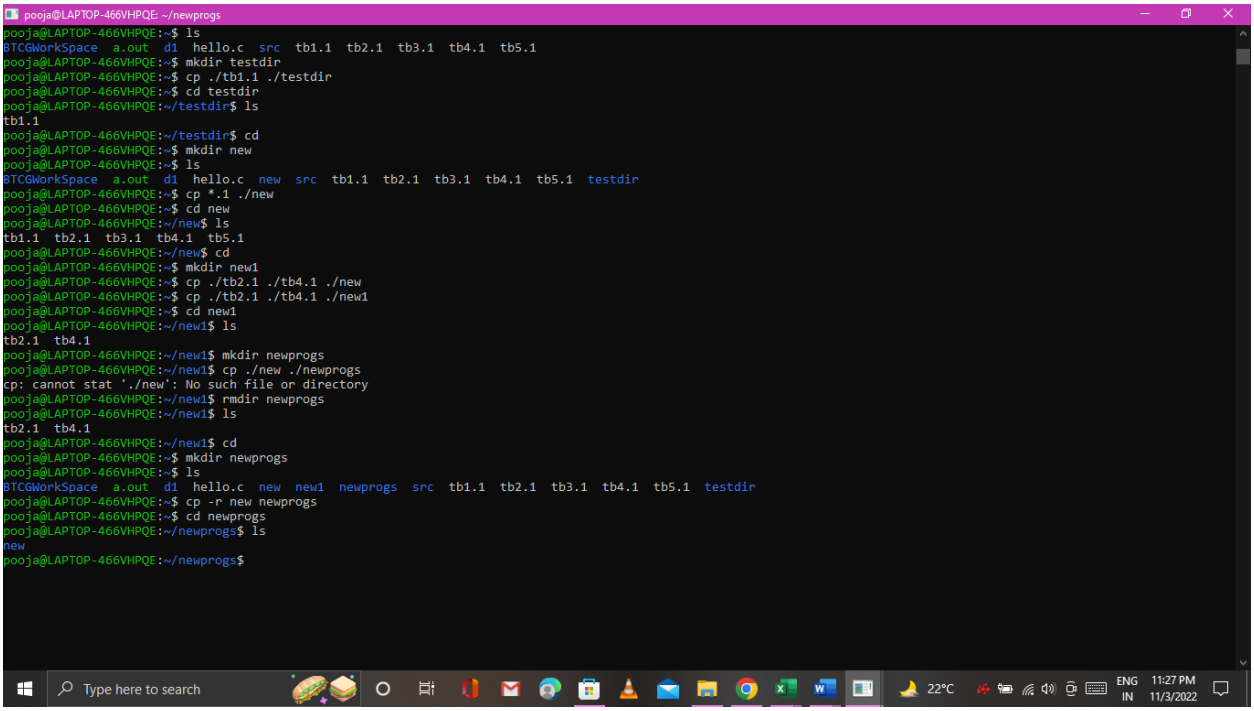
Ans. mkdir new1

d. Write a command to copy selectively only tb2.1, tb6.1, tb7.1 and tb10.1 in the directory new1.

Ans. cp ./tb2.1 ./tb6.1 ./tb7.1./tb10.1 ./new1

e. Write a command to copy the entire directory “new” to a directory “newprogs”. [Note : use the –R option of “cp” command]

Ans. cp -r [source] [destination]



11. Find out the difference between

a.]“mv” & “cp”

Ans. mv command is used to move or rename files and directories. cp command is used to copy files and directories.

b. “rm”, “rmdir”

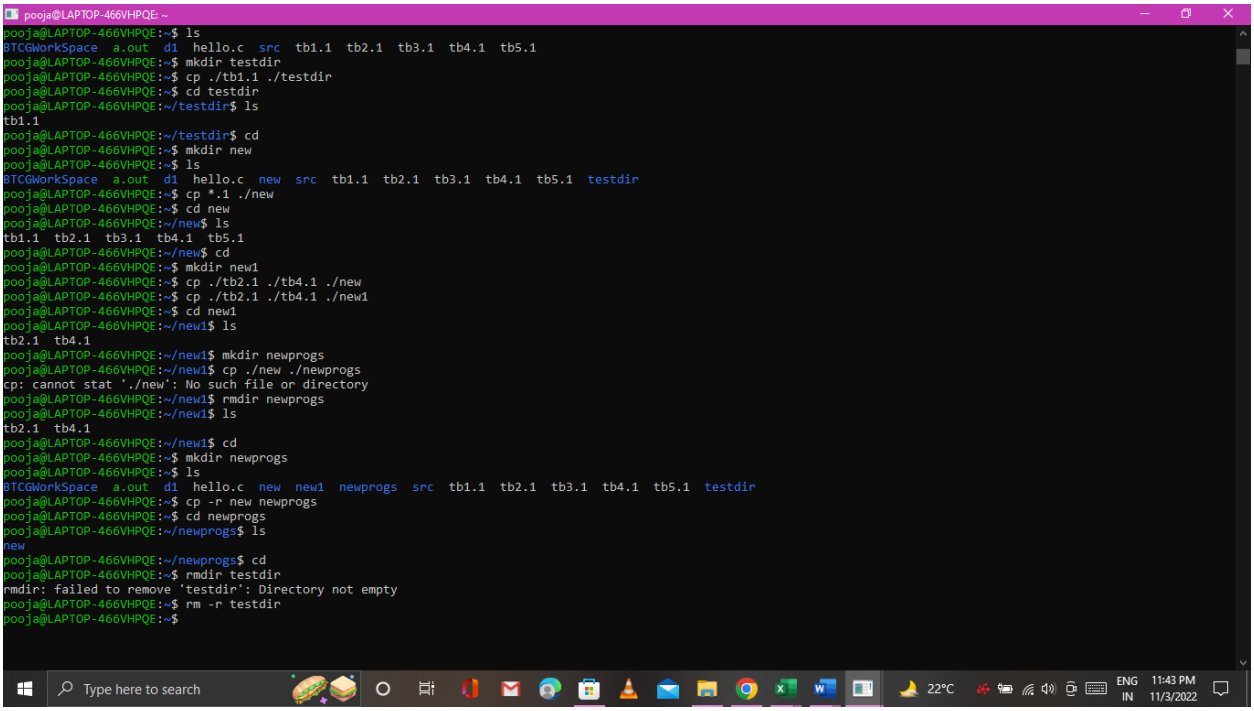
Ans. rm command is used to remove complete directories including subdirectories and files. Rmdir command removes only empty directory.

c. “mkdir” and “mkdir -p”

Ans. mkdir command is used to create directory. Mkdir -p create directory and if required parent directory.

12. Use a single command rmdir once to remove “testdir” and all its sub directories and files created above.

Ans. it can be deleted using rm -r testdir



13. Which command is used to get the manual information of a command?

Ans. man command

14. If you are not able to change to a directory what could be the likely cause?

Ans. may be the path provided is wrong or directory name provided is wrong

15. Explain the differences among the following commands: a. cd /

b. cd ..

Ans. move to the parent directory of current directory

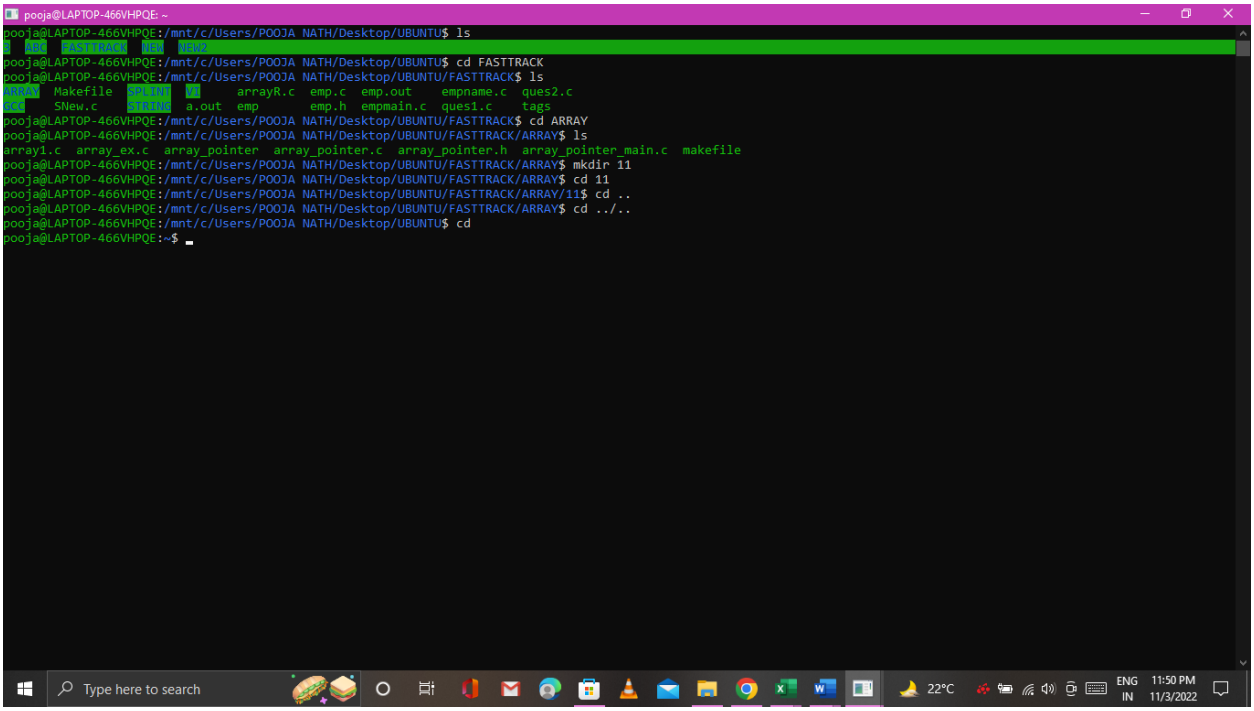
c. cd

Ans. move to the root directory

d. cd ../..

Ans. suppose you are at src directory : /root/new/src

Now to move 2 level up to root directory we will do cd ../..


pooja@LAPTOP-466VHPQE: ~
pooja@LAPTOP-466VHPQE:/mnt/c/Users/POOJA NATH/Desktop/UBUNTU$ ls
1 ARC FASTTRACK NEW NEW2
pooja@LAPTOP-466VHPQE:/mnt/c/Users/POOJA NATH/Desktop/UBUNTU$ cd FASTTRACK
pooja@LAPTOP-466VHPQE:/mnt/c/Users/POOJA NATH/Desktop/UBUNTU/FASTTRACK$ ls
ARRAY Makefile SPLAY1 a1 arrayR.c emp.c emp.out empname.c ques2.c
SEQ SNew.c STRING a.out emp emp.h empmain.c ques1.c tags
pooja@LAPTOP-466VHPQE:/mnt/c/Users/POOJA NATH/Desktop/UBUNTU/FASTTRACK$ cd ARRAY
pooja@LAPTOP-466VHPQE:/mnt/c/Users/POOJA NATH/Desktop/UBUNTU/FASTTRACK/ARRAY$ ls
array1.c array_ex.c array_pointer array_pointer.c array_pointer.h array_pointer_main.c makefile
pooja@LAPTOP-466VHPQE:/mnt/c/Users/POOJA NATH/Desktop/UBUNTU/FASTTRACK/ARRAY$ mkdir 11
pooja@LAPTOP-466VHPQE:/mnt/c/Users/POOJA NATH/Desktop/UBUNTU/FASTTRACK/ARRAY$ cd 11
pooja@LAPTOP-466VHPQE:/mnt/c/Users/POOJA NATH/Desktop/UBUNTU/FASTTRACK/ARRAY/11$ cd ..
pooja@LAPTOP-466VHPQE:/mnt/c/Users/POOJA NATH/Desktop/UBUNTU/FASTTRACK/ARRAY$ cd ../..
pooja@LAPTOP-466VHPQE:/mnt/c/Users/POOJA NATH/Desktop/UBUNTU$ cd
pooja@LAPTOP-466VHPQE:~$
Type here to search
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