Form No. : 220600312

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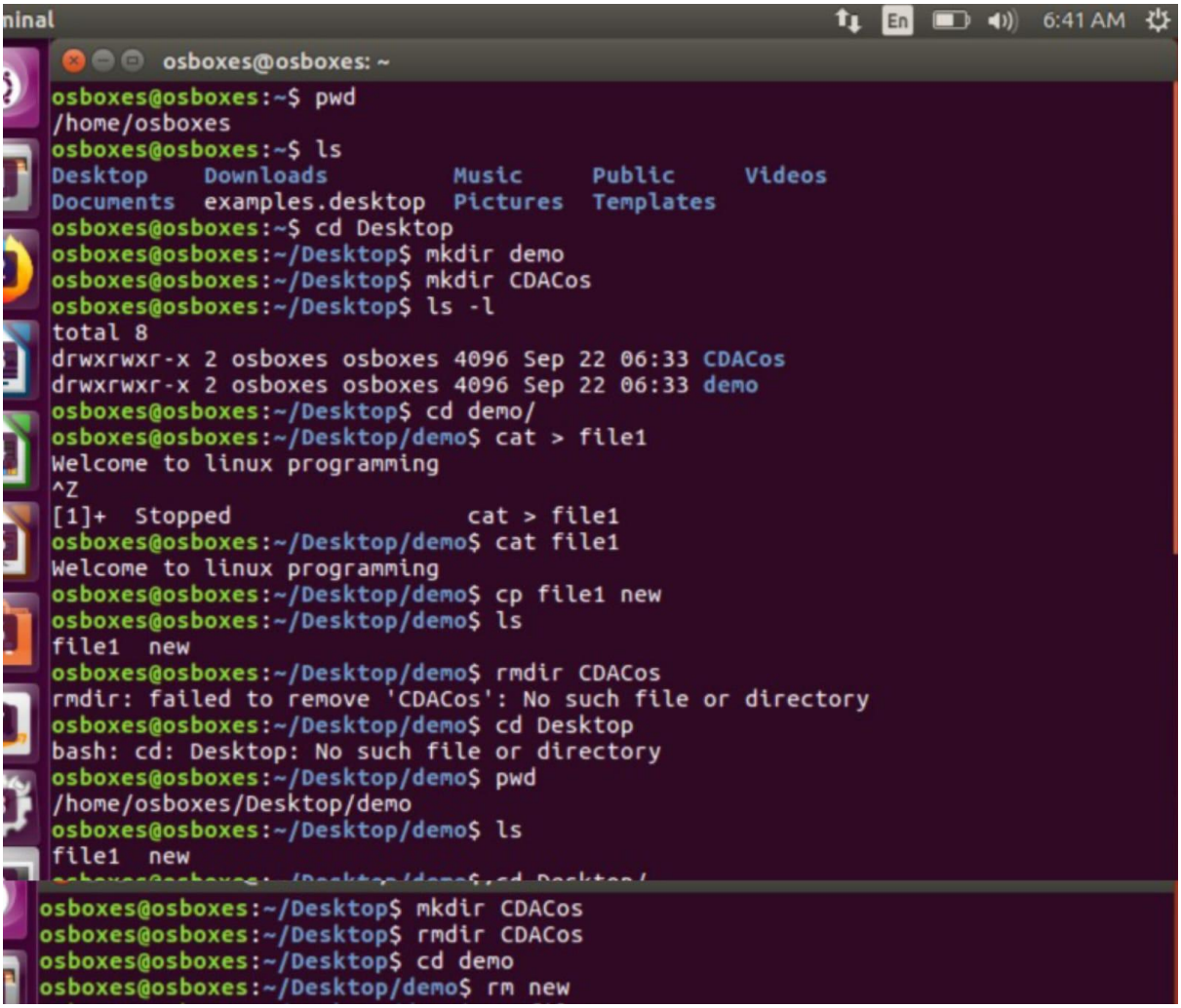
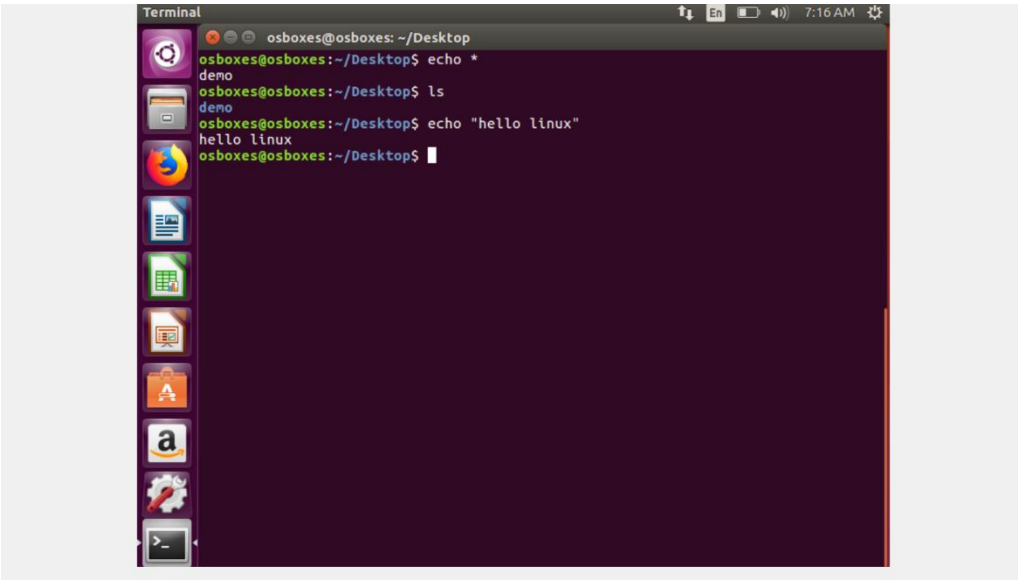
LINUX ASSIGNMENT 1-DAC (SEPT2022)

1. Practice the below mentioned commands with all the possible options: cd, cat, ls, mkdir, rmdir, pwd, mv,cp, rm



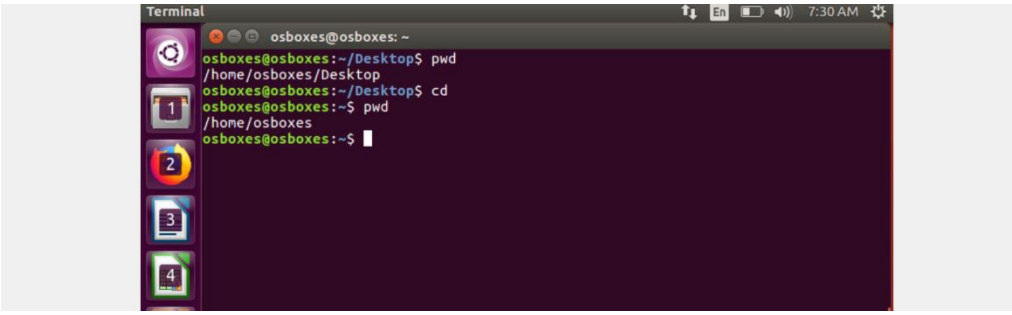
2. Enter the two commands echo * and ls. What do you think echo did?

: echo * considers everything as file while ls shows directory and files.



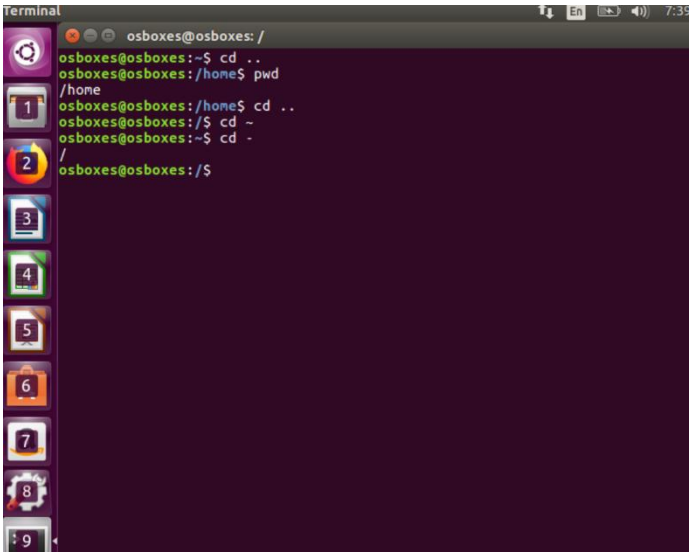
3. What does cd do when used without arguments?

: if cd is used without arguments, the user is returned to home directory.



4. See the difference between cd ~ and cd - and cd command

: cd command will take user back to the home directory directly, cd - will print the directory it changed to out to standard output, and cd ~- just changes directories without printing anything.



5. Use cat command to create, append and display a file
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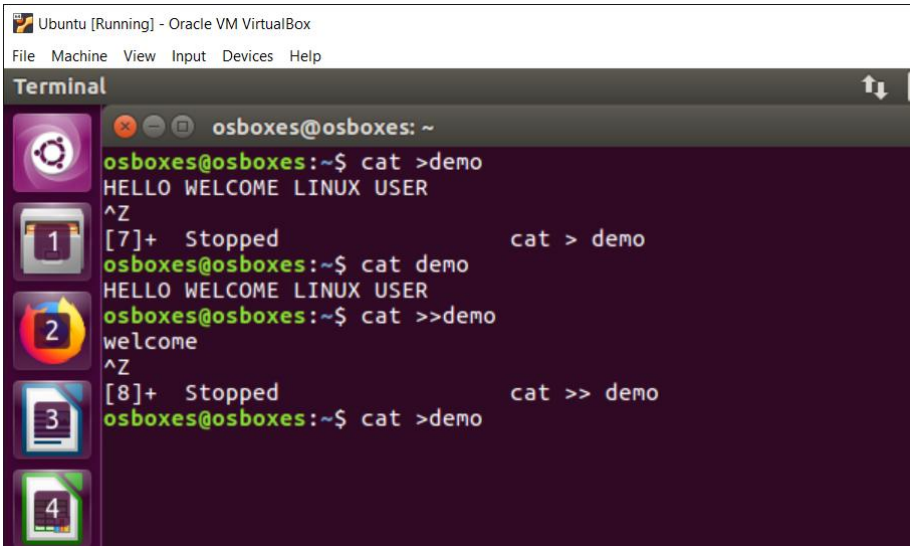

6. Make a directory bar1 with two empty files first.c and second.c

a. Make another directory bar2. Now copy all files from bar1 to bar2

b. Delete directory bar1 and all its files

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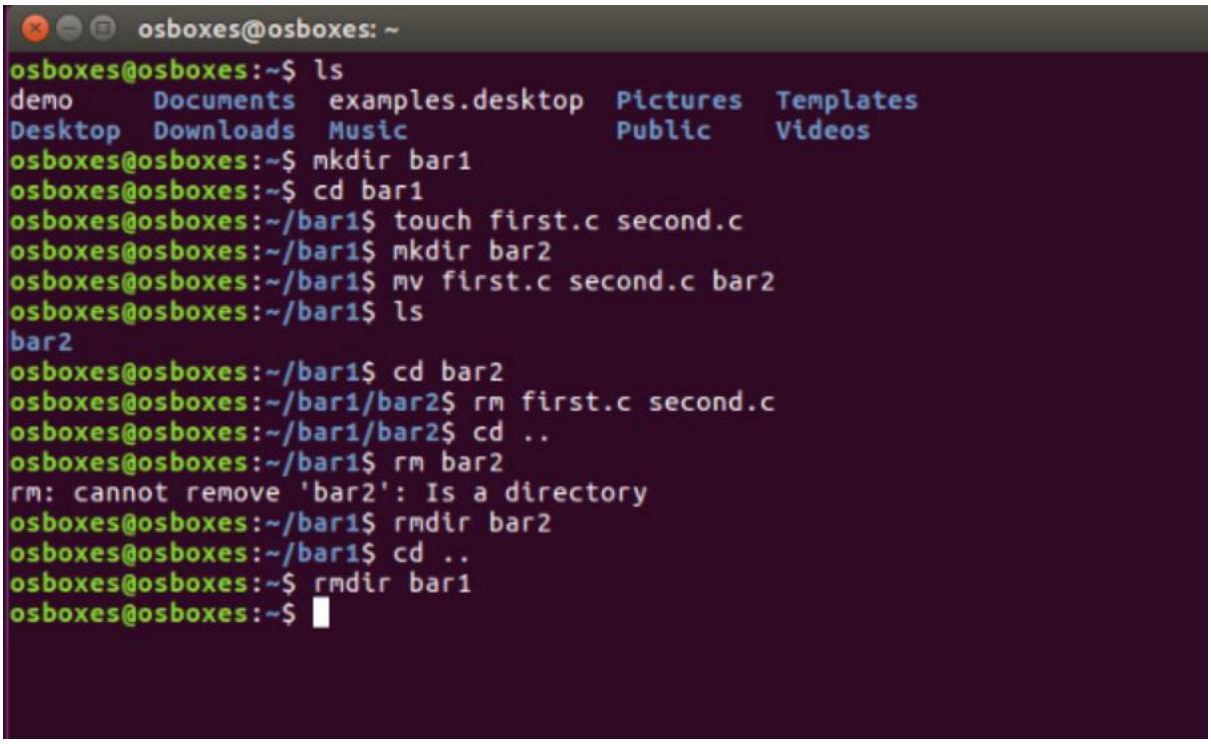
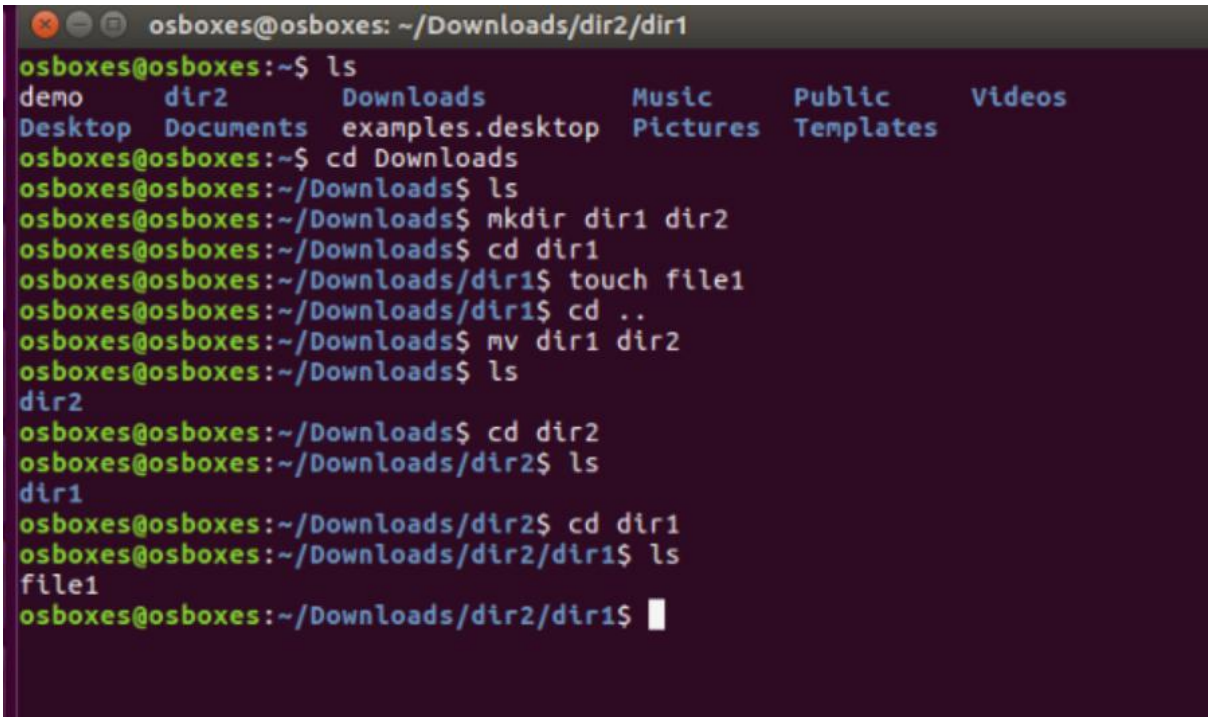
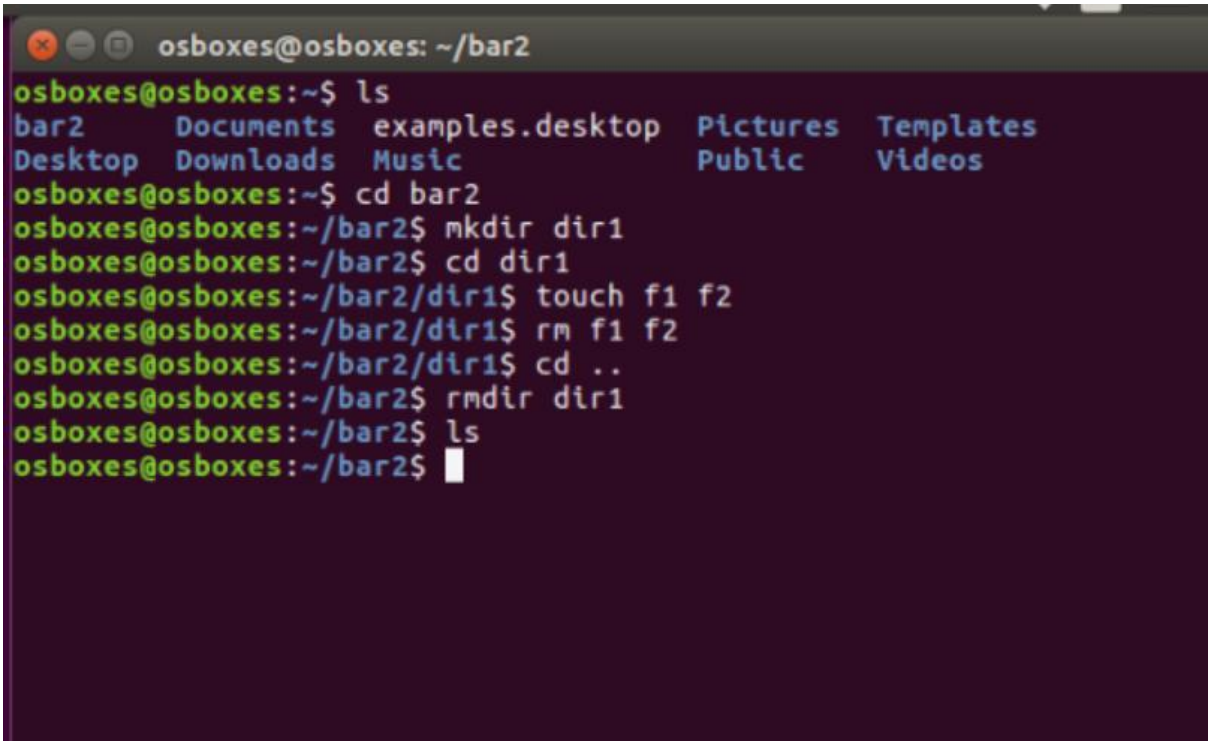


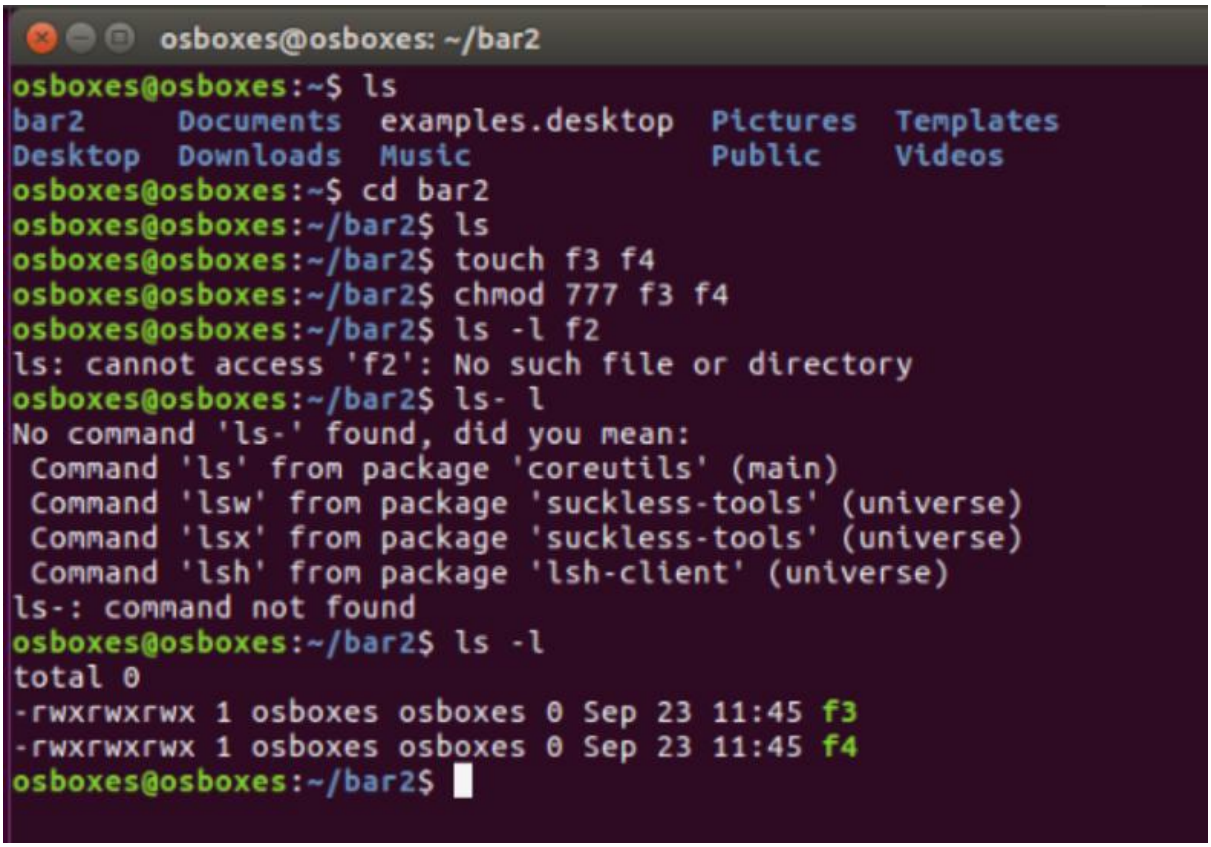
7.How will you copy a directory 'dir1' to an existing directory 'dir2' ?



8. Delete directory dir1 and all the files present in this directory.



9. Create a new file. Set the permissions of the file to have all permissions for yourself.



10. Practice the below mentioned commands with all the possible options: chmod, find, head, more, tail, & chgrp

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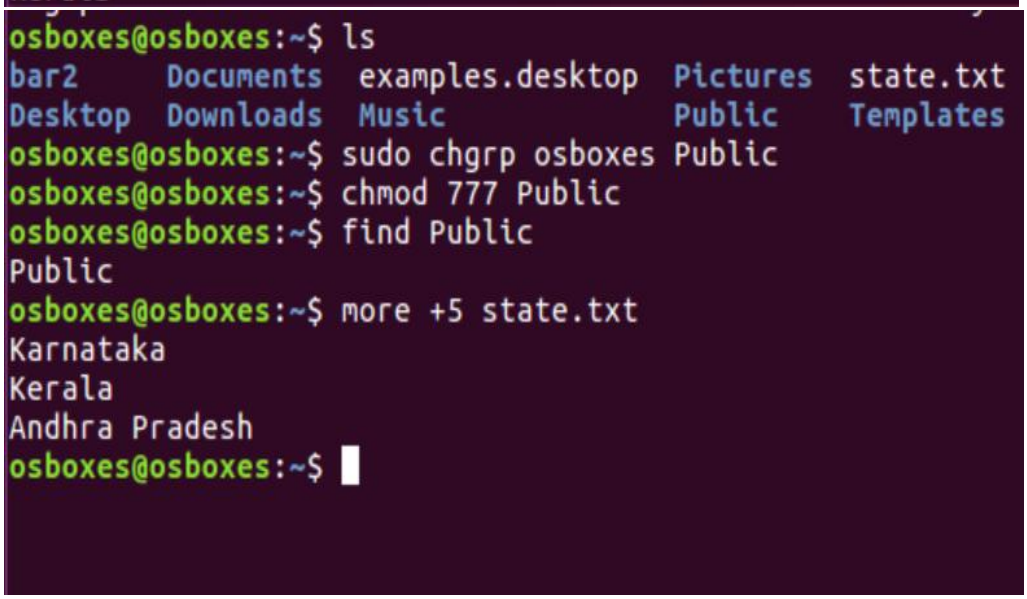
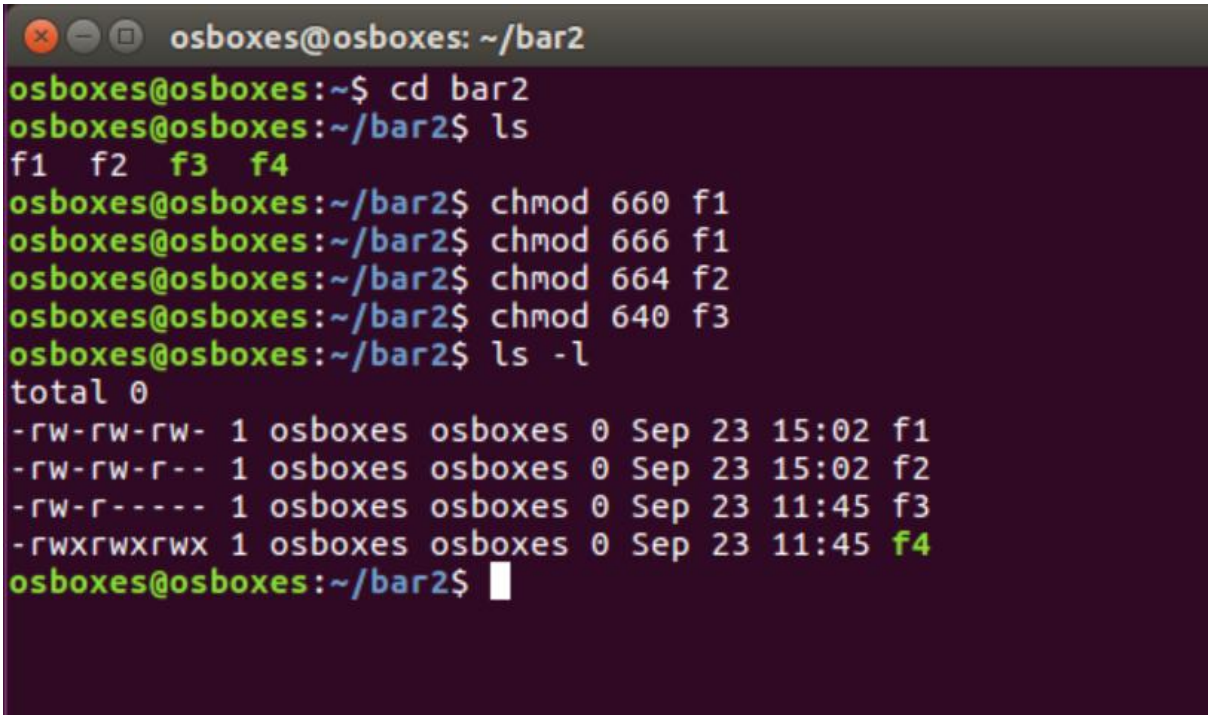


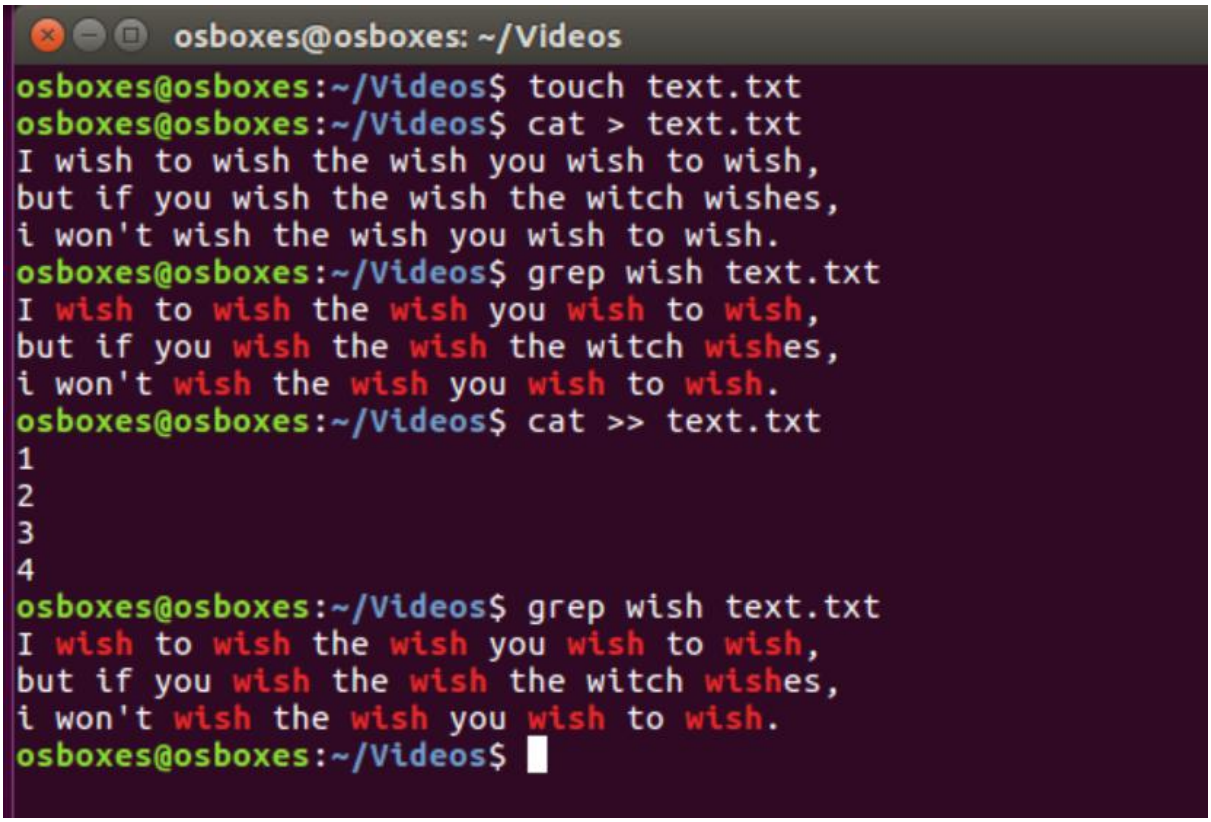
11. See difference between man and what is.

: man command in Linux is used to display the user manual of any command that we can run on the terminal. What is command is used to get brief information about Linux command or function.

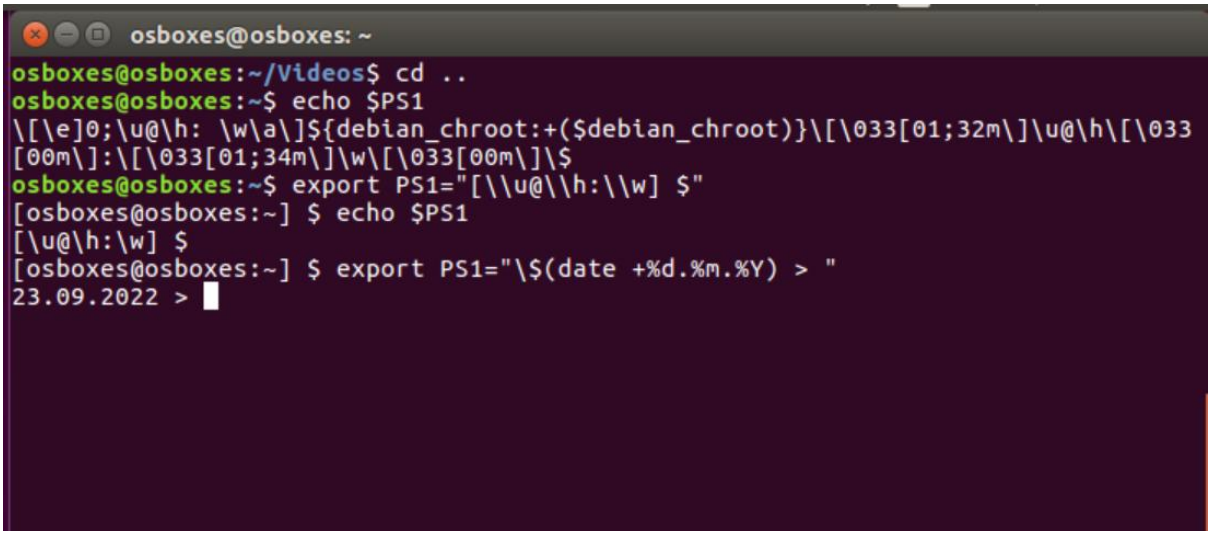
12. Create 3 files (file1, file2, file3) & assign permissions:
a. file1 - r,w to owner, group, and others.
b. file2 - r,w to owner and group, r to others
c. file3 - r,w to owner, r to group, none to others



13. Create a file named 'test.txt' having following lines:
I wish to wish the wish you wish to wish, but if you wish the wish the witch wishes, I won't wish the wish you wish to wish. Now use grep command to print the lines matching 'wish' words. Also print the lines as well as line number at the beginning of line containing 'wish' word in file grep –n wish test.txt.



14. Change the default system variable PS1 to a new value containing the current date along with username and hostname.



15. Explore all the commands with all the options taught in today's class

- Cd command is for change directory.
- Cat command is for print the content of a file.
- Ls command is use for showing the files of current directory
- Mkdir is use for making a directory
- Rmdir is use for removing a directory
- The pwd command writes to standard output the full path name of your current directory (from the root directory)
- Mv is used for moving a directory
- Cp is use for copying a directory
- Rm use for removing a file or directory.

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uname	.. know your machine's characteristics
logout	.. logs off system
cut	.. slitting a file vertically
cat	.. display/create files
wc	.. count lines, words, characters
gzip	.. compressing a file
gunzip	.. uncompressing a file
more	.. views a file, pausing every screenful
less	.. similar to more, more powerful
file	.. show file type
tail	.. show the last few lines of a file
head	.. show the beginning of a file
w	.. shows who is logged on and what they're doing
finger	.. shows more information about a user
df	.. shows disk space available on the system
du	.. shows how much disk space is being used by folders
bc	.. a simple calculator
cal	.. display calendar
date	.. display system date