

Linux Lab Assignment – DAC (March 2022)

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?
3. What does cd do when used without arguments?
4. See the difference between cd ~ and cd - and cd commands.
5. Use cat command to create, append and display a file
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.
7. How will you copy a directory “dir1” to an existing directory “dir2” ?
NOTE- copy whole directory (not only files) from “dir1” to “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
11. See difference between man and whatis
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.
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.