**Linux**

Linux commands are case sensitive

who am i show the user

clear to clear screen

cal shows calender

cal 7 2018 shows particular month

cal feb 2018

date print date details

date ‘+DATE:%m-%y%nTIME:%H:%M:%S’

pwd to view path directory

ls list directoryt

la -l detail list

ls -a view all files (with hiddden files)

ls -la view all files in list view

ls >*list*.txt save that list content in a text file

cd.. back

cd *name* enter

mkdir *name* make directory

rmdir *name* remove directory

touch *filename,txt* create a file

rm *name*  remove a file

//if space come in name muthu\ rajesh.txt // it does not form as two separate files

cp *filename1 filename2* copy

mv *filename1 filename2* move

autofill just give tab

grep requiredword *file.txt* search word in file

diff *file1.txt file2.txt*  compare two files

passwrd password

echo print as it give next to it

name=rajesh it becomes

$name will give rajesh// syntax

//File permission//------read=r,write=w,excute=x

user(u) groups(g) diffuser(o)(everyone)

chmod 0+w filename -add w function

for ex// 754, in this order u,g,o //chmod 754 filename//syntax

4 stands for read

2 stands for write

1 stands for execute

0 stands for no

7 stands for all above

shalsum filename -to verify internet file using checksum

filename | grep verifynumber

gzip *filename*  -to compress file

gunzip *filename.gz* -to extract it

tar cvf *foldername.tar file1name file2name* -for group compression in same folder

tar xvf *foldername.tar*  -for group extraction from same folder

ctrl+z -escape

INSTALL SOFTWARE IN linux

sudo apt-get install *software\_name* -to install the program

sudo apt-get update *software\_name* -to update the program

sudo apt remove *software\_name* -to uninstall the program

*software\_name* –version -to find the version of installed software