Basic linux commands

pwd = Gives u present working directory.
ls = Gives the content of present directory.
ls > deepak.txt = this command store content of present directory in deepak.txt file.
ls -1 = Gives content of present directory in queue.
cd = For moving one directory to other directory.
cd .. = For moving previous directory.
cp = Used to copy file.
cp -r = Used to copy folder.
clear = For clear all thing on terminal.
rm = For remove file
mv = to move file/folder to other folder and to rename file/folder.
mkdir = to create folder.
rmdir = to remove folder.
cat filename = To see the content of file.
cat > deepak10 = This command create file deepak10 and open it if you want to write something to it then write and press Ctrl+C.
wc deepak10 = Print number of line,number of word,number of character ,of file deepak10.
head 5 deepak10 = Print starting 5 line of deepak10 file.
tail 5 deepak10 = Print ending 5 line of deepak10 file
cat deepak10 = Show you content of deepak10 file
ls -a = To see hidden files and folders.
ls -l = To see permission(read,write,execute) of any file and folder.
ls -al = This show you result of both ls-a and ls -l command.
ls deepak* = this show you all files and folders contain deepak in their name and also the content of thet folders.
Softwarename = open the software like firefox : then it open firefox
sudo su = For becoming root user.
man ls This show you the man page of **ls** command which show you lots of information about **ls** command.
man softwarename This show you all informaion related to software.
Whatis command = This show you information about command n one line like Whatis cp = This show you about cp command.
chmod = This is used to change permission of file and folder.
fdisk -l = To show all partition on harddisk.
df = This command show you how much space is used and how much is available.
du = This command show you every single directory and its size.
free = This command show you how much your RAM and Swap memory used and how much is left.(static).
Watch free = This command show you how much your RAM and Swap memory

used and how much is left.(dynamic).
free -s 5 = This runs free command every 5 second.
free -s 5 > free.output = This command print the output of free command in every 5 second to free.output file.For exit press Ctrl+C.
top = This command show you all information about what processes is going on your system and how much CPU and memory they are using and from how much time they are running.
kill PID numbers = used to kill running process.
Kill 1366 = kill running process which has 1366 PID number.
ifconfig = This command show you infomation about network like ip address.
bc = used to do genral calculating work.
ping 127.0.0.1 = To check your local connection.
ping 255.0.0.0 = To check your internet connection.
history = This command show you all the command you entered previously.
history 5 = This command show you previously 5 commands.
date = This command show you date,time,year,day,month.
date +%e = Show you current date.
date +%h = Show you current month.
date +%y = Show you current year.
date +"%h %m %y" = Show you current month,date,year.
Cal month year = This is the formate of **cal** command
cal = This command show you calender of current month.
cal 1290 = This command show you calender of 1290 year.
cal 12 1990 = This show December month of 1990 year.
pkill gnome-panel = Sometime your panel dont apear then this command refresh the panel
uname -r = This command show information about your kernel version
uname -m = This Command show you that , your Linux has 32 bit or 64 bit
If the response is **i686 or *i386*** you have a 32-bit version of Linux.

If the response is **x86_64**, you have a 64-bit version of Linux.

ls -sh filename/directoryname = To see the size of file/directory.

How to run C program using terminal
open ternminal go to directory where your program reside.
then type **gcc programname.c** it create executable file **a.out** which contain machine code.
now execute this file using **./a.out** command.

Information about processer
go to root directory and then go to /proc folder type
cat cpuinfo this will show your proccesser information.

Open GUI application by terminal
Type gnome- in terminal then enter Tab two three times then it will show you all

command related to gnome-.Then enter any one command it will open GUI window related to that command.

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