

#Show IP Address

ifconfig -a #sudo apt-get install net-tools

ip addr

ip addr show #shows both IPV4 and IPV6 address

ip a #alternative to ip addr

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#create a directory

mkdir <nameofthedirectory> #eg. mkdir test

#create directory inside directory concurrently

mkdir -v -p test/a/b/c/d #test/a/b/c/d will be created

mkdir test1 #create a directory test1

#delete/remove a directory

rmdir test1 #remove test1

What If : One has to delete/remove directories that are created inside a directory

rm -rf test/a/b/c/d #r - recursive and f-> forcefully

#create a blank file

touch <filename> #eg. touch test1.txt

#change directory

cd /home/diot #navigate to home with user diot

#check current directory

pwd #displays present working directory

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Listing of files/directory inside directory

ls

ls -l #list files and directory

ls -la #list files and directories including hidden one (. extension)

ls -lh	#shows sizes in human readable format
ls -r	#listing in reverse order
ls -R	#Recursive list of sub directories
ls -lt	#sorting based on latest time #ls -ltr (in reverse)

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cat <filename.txt>	#shows/displays contents of the file
cat <file1.txt> <file2.txt>	#displays contents of file1 and file2
#first file1 content and then file2 content>	
#wrting some data from standard input (stdin)	
cat > <filename.txt>	#ctrl+z to stop, ctrl+d to terminate
cat >> <filename.txt>	#append data in existing file
cat -n <filename.txt>	#display contents with line number
#redirecting statdard output to a file using redirection operator	
cat <f1.txt> > <f2.txt>	#if f2.txt is having some data it will get
(date of f1 is copied to f2)	overwritten
#To append use double redirection opearator (>>)	
cat <f1.txt> >> <f2.txt>	#data of f1 will be appended to f2
#Redirecting standard input from a file say f2	
cat < f2.txt	
#Redirecting Mutiple files contents in a single file	
cat f1.txt f2.txt f3.txt > f4.txt	