Linux Commands

man manual	man name
pwd working directory	
cd change directory	cd ~ go to home dir cd .. go one dir back cd / go to root dir
ls list directory	ls -a list all entries ls -l
mkdir make directory	mkdir directory_name
mv rename directory | file change directory	mv source target mv -i error before write an existing file mv -v showing files after moving

cp copy files	cp source target cp -i error before write an existing file cp -v showing files after copied cp -R copy entire sub tree of directory
rm remove files	rm file rm -r remove directory and the subtree rm -i request confirmation before remove rm -v showing files after remove rm -d remove directory
cd change directory	cd ~ go to home dir cd .. go one dir back cd / go to root dir
ln make links	ln source target
file deternine file type	file file
chmod change file modes	chmod mode file chmod -R change mode hierarchies

chown change file group	chown group file chown -R change group hierarchies
which/whereis locate programs	which program whereis program
find/locate find files/find filename	find path find . -type f -name "*.filetype" search for files with filetype
tree list contents of directories	
su switches to superuser	
exit	
uptime how long system has benn running	

history/!
command history/execute command

history -c clear history
!n execute n line
!! execute last line

ps/top
process status

kill/killall
kill process/kill processes by name

kill pid
killall procname

passwd
change password

watch
execute program periodically

cat concatenate and print file	cat file
less/more concatenate and print file	less file more file
grep file pattent searcher	grep pattern file
diff compere two files	diff file1 file2
vim text editor	
sort sort lines of text	
uniq report repeated lines	

ifconfig configure network interface	ifconfig -a information about all interface
hostname print name of current host system	
ping send packets to network host	ping URL ping ipaddr
wget network downloader	wget URL
curl transfer a url	curl URL
ssh remote login	ssh user@hostname
scp remote file copy	scp user@host:file user@host:file