Linux Command Reference

Getting Help	System and Process Management
man - an interface to the system refernece manuals	uname - print system information
apropos - search the manual page names and descriptions	w - shows all login sessions on the computer
info - readable online documentation	whoami - print effective userid
whatis - display one-line manual page descriptions	date - print or set the system date and time
--help or -h - help information for a specifc command	cron - daemon to execute scheduled commands
	free - display amount of free and used memory

Managing Files and Folders	which - locate a command
ls - list directory contents	uptime - displays how long the system has been running
cd - change current directory	ps - a snapshot of running processes
pwd - display full path of current directory	top - dynamic real-time view of running processes
mkdir - create a directory	kill - send a termination signal to a process id
rm - remove a directory or file	killall - send a termination signal to a process name
cp - copy a file	bg - lists jobs running in the background
mv - move a file	fg - brings background jobs to the foreground
touch - create or update a file	echo - display a line of text
cat - read file data and gives the content as output	| - redirect output from one command to another
more / less - output the contents of a file	; - run one command immediately after another
head - output the first part of a file	alias - define an alternate name for a command
tail - output the last part of a file	!! - run the last command
ln - create links between files	history - display list of all commands run in the session
find - search for files	sort - re-order the output from a command
grep - search for patterns in files	
chmod - change file and folder permissions	**Networking**
tar - archive and compress files	ping - test connectivity to computers on the network
df - report file disk space usage	ip - manage network interface and protocol information
du - estimate file space usage	ifconfig - manage a network interface
	route - manage the IP routing table

Managing Applications	dig - DNS lookup utility
dpkg - package manager for Debian	wget - download file
rpm - packagae manager for Red Hat	ssh - OpenSSH remote login client
apt-get - APT package handling utility	curl - transfer files over a network