Hardware Information		Searching		File Commands		System Management and Info		Disk Usage	
dmesg	Show bootup messages	grep [pattern] [file]	Search for a pattern in a file	Is	List files in the directory	uname -r	Show system information	df -h	Show free space on system
cat /proc/cpuinfo	Show CPU information	grep -r [pattern] [directory]	Search a pattern recursively	ls -a	List files, include hidden files	uname -a	Show kernel release info	df -l	Show free nodes on system
free -h	Show free and used memory	locate [name]	Search for files & directories	pwd	Show current directory	uptime	Show uptime length/avg. load	fdisk -l	Disk partition types and sizes
Ishw	Hardware configuration info	find [/location] -name [x]	List items beginning with [x]	mkdir [name]	Create a directory	hostname	Show system hostname	du -ah	Show disk usage for all files
Isblk	Block devices info	find [/location] -size [+100M]	List items larger than 100MB	rm [file]	Remove a file	hostname -l	Show system IP address	du -sh	Show disk usage for current
lspci -tv	Tree-diagram of PCI devices			rm -r [directory]	Recursively remove directory	last reboot	Show reboot history		directory
Isusb -tv Tree-diagram of USB devices		File Transfer		rm -rf [directory]	Force remove directory	date	Show current time and date	findmnt	Show target mount point
dmidecode	Show BIOS hardware info	can [file tyt] [com/ou/tmm]	Create a tax file from a file	cp [file1] [file2]	Copy file1 to file2	timedatectl	Manage the system clock	mount [device] [mount_point] Mount a device
hdparm -i /dev/[disk]	Show disk data info	scp [file.txt] [server/tmp]	Create a tar file from a file	cp -r [directory1] [directory2]	Copy directory1 to directory2	cal	Show current day and month		
hdparm -tT /dev/[disk]	Disk read speed test	rsync -a [/location] [/backup/]	Sync the contents of a location with the backup	mv [filename1] [filename2]	Rename a file	whoami	Show the current user	Vari	ables
badblocks -s /dev/[disk]	Unreadable blocks test		directory	ln -s [/path/file] [link]	Create symbolic link to file	finger [username]	Show user information	let "[variable]=[value]"	Assign integer value to var
				touch [file]	Create a new file	ulimit [flags] [limit]	View or limit system resources		Export a Bash variable
File Compression		Process	Related	more [file]	Show file contents	shutdown [hh:mm]	Schedule a system shut down	declare [variable]="[value]"	Declare a Bash variable
		ps	Show active process snapshot	head [file]	Show first 10 lines of a file	shutdown now	Shut down immediately	set	List variables and functions
tar cf [file.tar] [file]	Create a tar file from a file	pstree	Show processes as a tree	tail [file]	Show last 10 lines of a file	modprobe [module-name]	Add a new kernel module	echo \$[variable]	Display value of the variable
tar xf [file.tar]	Extract archived file	pmap	Show process memory usage	gpg -c [file]	Encrypt a file				
tar czf [file.tar.gz]	Create a gzip tar file	top	Show all running processes	gpg [file.gpg]	Decrypt a file	Notarek N	1 a n a g o ma o na t	Shall Comman	d Management
gzip [file]	Create a gz compressed file	kill [process_id]	Kill the process by ID	wc	Count words/lines/bytes	Networkiv	lanagement	Shell Commar	nd Management
Package Installation		pkill [process_name]	Kill the process by name	ls xargs wc	Words/lines/bytes in directory	ip addr show	Show IP addresses	alias [alias]='[command]'	Create command alias
		killall [process_name]	Kill all processes by name	cut -d[delimiter] [file]	Cut file section and print	ip address add [ip]	Assign IP address to interface	watch -n [interval] [command	Set interval to run a command
yum search [keyword]	Find a package by a keyword	bg	List background processes	[data] cut -d[delimiter]	Cut data section and print	ifconfig	Show all network interfaces	sleep [interval] && [command	Postpone command execution
yum info [package]	Package info & summary	fg	Most recent suspended job to	awk '[pattern] {print \$0}' [file]		netstat -pnltu	Show active listening ports	at [hh:mm]	Schedule a job
yum install [package.rpm]	Install a package with YUM		foreground	shred -u [file]	Overwrite and delete a file	netstat -nutlp	Show tcp and udp ports	man [command]	Display command manual
dnf install [package.rpm]	Install a package with DNF	fg [job]	Bring [job] to foreground	diff [file1] [file2]	Compare two files	whois [domain]	Show domain information	history	Print command history
rpm -i [package.rpm]	Install a local rpm package	Isof	List files opened by processes	source [file]	Compile from source code	dig [domain]	Show domain's DNS info		
rpm -e [package.rpm]	Remove an rpm package	trap "[commands]" [signal]	Execute command on signal	[command] tee [file]	Store command output to a	dig -x [host]	Domain reverse lookup	Keyboard	Shortcuts
apt install [package]	Install a package with APT	wait	Pause terminal until process completes	>/dev/null	file, skip terminal output	dig -x [ip]	IP address reverse lookup	Ctrl + C	Kill current process
tar zxvf [source_code.tar.gz] cd [source_code] ./configure	Install software from source code	nohup [command] &	Run a process in background			host [domain]	IP lookup for a domain	Ctrl + Z	Stop process (can be resumed)
				Users an	d Groups	hostname -l	Show local IP address	Ctrl + W	Cut the word before the cursor
make make install		File Per	File Permission		Show active user details	wget [file_url]	Download a file from url	Ctrl + U	Cut part of the line before the
	Login	chmod 777 [file]	File read, write, execute permissions to everyone	last	Show last system logins	curl -O [file_url]	Download a file from url		cursor
SSH L				who	Show who is logged in	nslookup [domain]	Show domain information	Ctrl + K	Cut part of the line after the
		chmod 755 [file]	Full permission to owner,	w	Show logged users and activity			Ctrl + Y	Paste from clipboard
ssh [user]@[host]	Connect to host as user		read permissions for others	groupadd [group]	Add a new group	Directory	Navigation	Ctrl + R	·
ssh [host]	Connect to host via port 22	chmod 766 [file]	Full permission to owner, read and write for others	adduser [user]	Add a new user	cd	Move up one level	Ctrl + R Ctrl + O	Recall last command
ssh -p [port] [user]@[host]	Use a non-default port	chown [user] [file]	Change file ownership	usermod -aG [group] [user]	Add user to group	cd	Change directory to \$HOME		Run the recalled command
telnet [host]	Connect to Telnet via port 23	chown [user]:[group] [file]	Change file owner and group	userdel [user]	Delete a user	cd [/location]	Change to a specified	Ctrl + G	Exit command history
				usermod	Modify user information		directory	::	Repeat the last command
				chgrp [group] [directory]	Change directory group			exit	Log out of the session
				Singi p (gi oup) [uii ectory]	Charise allectory group				