HELP Commands

man	man provides short reference manuals
info	A newer form of online help is the info command
help	help is a built-in command in the bash shell
tldr	community driven man pages

SYSTEM Commands

uname	details about the current machine and the operating system
uptime	how long the system has been running
hostname	Show or set the system's host name
reboot	Reboot the system
date	Sets or displays the system date
timeda‐tectl	Control the system time and date
cal	Prints calendar information
w	Show who is logged on
whoami	Print the username

HARDWARE Commands

lscpu	Displays information about the CPU architecture
lshw	Detailed information about hardware configurations
lsblk	Lists information about devices
df	Gives an overview of the filesystem disk space usage
du	estimate and summarize file and directory space usage
free	Display amount of free and used memory in the system

FILE Commands

ls	List directory contents
pwd	Print name of current/working directory
touch	Change a file access and modifi‐cation times (atime, mtime)
cp	Copy files and directories
mkdir	Creates a directory
mv	Move or rename files and direct‐ories
rm	Remove files or directories
chown	Change user and group ownership of files and directories
chmod	Change the access permissions of a file or directory
wc	Count lines, words, and bytes
tr	Translate characters: run replac‐ements based on single characters and character sets
uniq	Output the unique lines from the given input or file
split	Split a file into pieces
head	Output the first part of files
tail	Display the last part of a file
more	Open a file for interactive reading, allowing scrolling and search
less	Open a file for interactive reading, allowing scrolling and search
cat	Print and concatenate files

NETWORK Commands

ip	Show / manipulate routing, devices, policy routing and tunnels
ifconfig	Network Interface Configurator
netstat	Displays network-related information such as open connections, open socket ports, etc
whois	Command-line client for the WHOIS (RFC 3912) protocol
dig	DNS lookup utility
nslookup	Query name server(s) for various domain records
host	Lookup Domain Name Server
hostname	Show or set the system's host name

PROCESS Commands

top	Display dynamic real-time information about running processes
ps	Information about running processes
kill	Sends a signal to a process, usually related to stopping the process