

### File and Directory Management

ls	List files and directories.
cd	Change the current directory.
pwd	Print the working directory.
touch	Create an empty file.
mkdir	Create a new directory.
rm	Remove files or directories.
cp	Copy files or directories.
mv	Move or rename files or directories.

### Package Management

apt / apt-get	Package management for Debian-based systems.
yum	Package management for Red Hat-based systems.
dnf	Package management for Fedora and CentOS.
zypper	Package management for openSUSE.

### File Compression and Archiving

tar	Archive files.
gzip / gunzip	Compress or decompress files.
zip / unzip	Create or extract zip archives.
bzip2 / bunzip2	Compress or decompress files with bzip2.
xz / unxz	Compress or decompress files with xz.

### Process Management

ps	Display currently running processes.
kill	Terminate processes.
top	Monitor system processes in real-time.
ps aux	Show detailed process information.
killall	Terminate processes by name.

### File Permissions

chmod	Change file permissions.
chown	Change file owner and group.
umask	Set default file permissions for new files.
chgrp	Change group ownership of a file or directory.
lsattr	List file attributes.

### Miscellaneous

date	Display or set the system date and time.
history	View command history.
man	Display the manual pages for commands.
cal	Display a calendar.
who	Show who is logged on.
uptime	Show system uptime.
watch	Execute a command repeatedly and display results.

### File Viewing and Editing

cat	Concatenate and display file contents.
more / less	View file contents one page at a time.
nano / vim / emacs	Text editors for file editing.
head	Display the beginning of a file.
tail	Display the end of a file.
wc	Count lines, words, and characters in a file.
sed	Stream editor for text manipulation.

### Networking

ping	Check network connectivity to a host.
ifconfig / ip	Network interface configuration.
ssh	Securely connect to a remote machine.
scp	Securely copy files between machines.
netstat	Network statistics and active connections.
nslookup	Query DNS servers for DNS-related information.
curl	Transfer data from or to a server.
wget	Download files from the web.

### System Information

uname	Display system information.
df	Disk space usage.
free	Display memory usage.
uptime	Show system uptime.
lsb_release	Display Linux Standard Base (LSB) information.
lscpu	Display CPU information.
lshw	List hardware information.
lsblk	List block devices.



### Text Processing

grep	Search for text in files.
sed	Stream editor for text manipulation.
awk	Text processing and pattern matching.
cut	Remove sections from each line of a file.
sort	Sort lines of text files.
tr	Translate characters in a file.
comm	Compare two sorted files line by line.

### User Management

useradd / adduser	Create a new user.
passwd	Change user password.
usermod	Modify user account settings.
userdel	Delete a user account.
id	Display user and group information.
groups	Show group membership for a user.



By **Sky11**  
[cheatography.com/sky11/](https://cheatography.com/sky11/)

Published 27th July, 2023.  
Last updated 27th July, 2023.  
Page 2 of 2.

Sponsored by **CrosswordCheats.com**  
Learn to solve cryptic crosswords!  
<http://crosswordcheats.com>