

Kali Linux F to X Commands

----- F -----

- **fg:** Send a job to the foreground

Example: `fg %1`

- **fold:** Wrap text to fit a specified width

Example: `fold -w 80 file.txt`

- **format:** Format disks or tapes

Example: `format /dev/sdb`

- **free:** Display memory usage

Example: `free -m`

- **fuser:** Identify or kill the process accessing a file

Example: `fuser -k filename`

----- G -----

- **gawk:** Find and Replace text within files

Example: `gawk '{sub(/old_text/, "new_text"); print}' file.txt`

- **groupadd:** Add a user security group

Example: `groupadd group_name`

- **groups:** Print group names a user is in

Example: `groups username`

- **gzip:** Compress or decompress named files

Example: `gzip file.txt`

----- H -----

- **help:** Display help for a built-in command

Example: ``cd --help``

- **history:** Command History

Example: ``history``

- **hostname:** Print or set system name

Example: ``hostname``

----- I -----

- **id:** Print user and group ids

Example: `id`

- **ifconfig:** Configure a network interface

Example: ifconfig eth0 up

----- J -----

- **jobs: List active jobs**

Example: jobs

- **join: Join lines on a common field**

Example: join file1.txt file2.txt

----- K -----

- **kill: Stop a process from running**

Example: kill 1234

- **killall: Kill processes by name**

Example: killall firefox

----- L -----

- **ln: Create a symbolic link to a file**

Example: ln -s /path/to/file link_name

- **locate: Find files**

Example: locate filename

- logname: Print current login name

Example: logname

- logout: Exit a login shell

Example: logout

- ls: List information about files

Example: ls

----- M -----

- man: Help manual

Example: man ls

- mkdir: Create new folders

Example: mkdir new_folder

- more: Display output one screen at a time

Example: more file.txt

- mv: Move or rename files or directories

Example: mv file.txt new_location/

----- N -----

- **netstat:** Display networking information

Example: netstat -a

----- O -----

- **Open:** Open a file in its default application

Example: Open document.txt

----- P -----

- **passwd:** Modify a user password

Example: passwd username

- **paste:** Merge lines of files

Example: paste file1.txt file2.txt > merged_file.txt

- **ping:** Test a network connection

Example: ping google.com

- **ps: Process status**

Example: ps aux

- **pwd: Print Working Directory**

Example: pwd

----- **R** -----

- **rcp: Copy files between two machines**

Example: rcp file.txt username@remote_host:/path/to/destination

- **rev: Reverse lines of a file**

Example: rev file.txt

- **rm: Remove files**

Example: rm file.txt

- **rmdir: Remove folders**

Example: rmdir directory_name

----- **S** -----

- **sdiff**: Merge two files interactively

Example: `sdiff file1.txt file2.txt`

- **shutdown**: Shutdown or restart Linux

Example: `sudo shutdown -r now # Restart immediately`

- **sleep**: Delay for a specified time

Example: `sleep 5 # Sleep for 5 seconds`

- **slocate**: Find files

Example: `slocate keyword`

- **sort**: Sort text files

Example: `sort file.txt`

- **source**: Run commands from a file

Example: `source script.sh`

- **split**: Split a file into fixed-size pieces

Example: `split -b 10M large_file.txt`

- **strace**: Trace system calls and signals

Example: `strace ls`

- **sudo**: Execute a command as another user

Example: `sudo apt-get update`

----- T -----

- **tail**: Output the last part of a file

Example: `tail -n 10 file.txt` # Display the last 10 lines of file.txt

- **time**: Measure program running time

Example: `time ls` # Measure the time taken by the ls command

- **times**: User and system times

Example: `times` # Display user and system times for the shell and its children

- **touch**: Change file timestamps

Example: `touch file.txt` # Update the timestamp of file.txt to the current time

- **top**: List processes running on the system

Example: `top` # Display live system information, including CPU and memory usage

- **type:** Describe a command

Example: `type ls` # Describe the ls command and its type

----- U -----

- **unexpand:** Convert spaces to tabs

Example: `unexpand -t 4 file.txt` # Convert spaces to tabs in file.txt with tab stops set every 4 spaces

- **uniq:** Uniquify files

Example: `uniq file.txt` # Remove duplicate adjacent lines in file.txt

- **uptime:** Show system uptime

Example: `uptime` # Display system uptime, load average, and number of users logged in

- **useradd:** Create a new user account

Example: `useradd myuser` # Create a new user account named myuser

- **usermod:** Modify a user account

Example: `usermod -aG sudo myuser` # Add myuser to the sudo group

- users: List users currently logged in

Example: users # Display a list of users currently logged in

- vi: Text Editor

Example: vi myfile.txt # Open and edit myfile.txt using the vi text editor

- vmstat: Report virtual memory statistics

Example: vmstat 1 # Display virtual memory statistics every 1 second

- wait: Wait for a process to complete

Example: wait 12345 # Wait for the process with PID 12345 to complete

- wc: Print byte, word, and line counts

Example: wc myfile.txt # Display byte, word, and line counts for myfile.txt

- whereis: Search for program files in specific directories

Example: whereis ls # Find the location of the ls command

- who: Print usernames of users currently logged in

Example: who # Display usernames of users currently logged in

- **whoami**: Print the current user's ID and name

Example: `whoami` # Display the current user's ID and name

- **wget**: Retrieve web pages or files via HTTP, HTTPS, or FTP

Example: `wget https://example.com/file.txt` # Download file.txt from the specified URL using wget

X

- **xdg-open**: Open a file or URL in the user's preferred application

Example: `xdg-open myfile.txt` # Open myfile.txt using the default application associated with its file type

The End

Social Media ID

LinkedIn	https://www.linkedin.com/in/conscious-techhub-0413932b5/
Twitter	https://twitter.com/Vikki_Verma
Facebook	https://www.facebook.com/profile.php?id=61557177226600
Instagram	https://www.instagram.com/conscioustechhub/
Telegram	https://t.me/conscioustechhub
Github	https://github.com/Conscious-TechHub
Whatsapp	https://whatsapp.com/channel/0029VaNnUYZICVftyaeiqw2u
Buysmecoffee	https://www.buymeacoffee.com/invite/Conscious.TechHub
Youtube	https://www.youtube.com/@Conscious-TechHub