

Definitions

- **echo**: Displays a line of text
 - Usage: `echo + option + string`
 - Examples:
 - `echo -n "hello world"` (Displays a line of text without the new line)
 - `echo -e "Line 1\nLine2"` (Displays two lines of text in a single echo command)
- **date**: Prints or sets the system date and time
 - Usage: `date + option`
 - Examples:
 - `date` (Displays the current date)
 - `date -r` (Displays current date in rfc 5322 format)
- **free**: Displays the amount of free and used memory in the system
 - Usage: `free + option`
 - Examples:
 - `free` (Displays memory utilization)
 - `free -h` (Displays memory utilization in human readable format)
- **uname**: Prints system information
 - Usage: `uname + option`
 - Examples:
 - `uname -a` (Prints all information)
 - `uname -s` (Prints kernel information)
 - `uname -n` (Prints the node name)
- **history**: Shows the command line history
 - Usage: `history + option`
 - Examples:
 - `history` (Displays session history)
 - `history -c` (Clears session history)
- **man**: An interface to the system reference manuals
 - Usage: `man + option + command`
 - Examples:
 - `man echo` (Opens the man page of the echo command)
 - `man 5 passwd` (Opens a specific man page)
 - `man -f passwd` (Shows all available man pages)
- **apt**: A set of tools for managing Debian packages
 - Usage: `sudo (if required) + apt + apt action + package name`
 - Examples:
 - `sudo apt update && sudo apt upgrade -y` (Update and Upgrade)
 - `sudo apt install firefox` (Install a program)
 - `sudo apt remove firefox` (Remove a program)
 - `apt search "Web Browser"` (Search for a program)
 - `apt list --installed` (List all installed programs)
- **snap**: Snaps are app packages for desktop, cloud and IoT that are easy to install, cross platform and dependency free
 - Usage: `sudo (if needed) + snap + action + package name`

- Examples:
 - snap search "video player (Find a snap)
 - sudo snap install vlc (Install a snap)
 - sudo snap remove vlc (Remove a snap)
 - sudo snap refresh (Update Snaps)
- flatpak: Flatpak is a next generation technology for packaging, distributing, and managing software in Linux
 - Usage sudo (if needed) + flatpak + action + package id
 - Examples
 - flatpak search "video player" (Search for package)
 - flatpak install org.videolan.VLC (Install package)
 - flatpak remove org.videolan.VLC (Remove flatpak)
 - flatpak updat (Update packages)