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Echo

Definition: Display a line of text

Usage: `echo + option + string`

Example:

- Display a line of text without the new line `echo -n "hello world"`
 - Display 2 lines of text that includes a horizontal tab `echo -e "\hello world"`
 - Display 2 lines of text in a single echo command `echo -e "line 1\nLine2"`
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Date

Definition: Displays the current time and date.

Usage: `date + option`

Example:

- Display current date `date`
 - Display current date in rfc 5322 format `date -R`
 - Display the date and time from a specific time in the past
 - `date -d "3 years ago"`
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Free

Definition: Displays the amount of free memory.

Usage: `free + options`

Example:

- Display memory utilization `free`
 - Display memory utilization in human readable format `free -h`
 - Display a line containing the totals `free -t`
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Uname

Definition: Print system information

Usage: `uname + option`

Example:

- Print all information `uname -a`

- Print kernel information `uname -s`
 - Print node names `uname -n`
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History

Definition: Displays the shell command history.

Usage: `history + option`

Example:

- Display session history `history`
 - Clear session history `history`
 - Re-executing the last command `!!`
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Man

Definition: Man (manual) pages are documentation files that describe Linux shell commands, executable programs, systems calls, special files, and so forth.

Usage: `man + option + command`

Example:

- Open the man page of echo command `man echo`
 - Open a specific man page `man 5 passwd`
 - Show all available man pages `man -f passwd`
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Apt

Definition: A set of tools for managing debian packages

Usage: `sudo` (if required) + `apt + apt action + package`

Example:

- Update and upgrade `sudo apt update & sudo apt upgrade -y`
 - Install a program `sudo apt install firefox`
 - Remove a program `sudo apt remove firefox`
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Snap

Definition: 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:

- Find a snap `snap search "video player"`
- Install a snap `sudo snap install vlc`

- Remove a snap `sudo snap remove vlc`
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Flatpak

Definition: Flatpak is a next generation technology for packaging, distributing, and managing software in Linux

Usage: `sudo` (if needed) + `flatpak` + `action` + `package id`

Example:

- Search for package `flatpak search "video player"`
- Install flatpak `flatpak install org.videolan.VLC`
- Remove flatpak `flatpak remove org.videolan.VLC`