

# Notes 3:

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## Echo

Definition:

Display a line of text

Usage:

`echo + option + string`

Examples:

- Display a line of text without the new line
  - `echo -e "hello world"`

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## date

Print or set the system date and time

Usage

`date + option`

Examples

\*Display current date

- `date`

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## free

Definition

Display amount of free and used memory in the system

Usage

`free + option`

Examples

- Display memory utilization
  - `free`

## uname

## Definition

Print system information

## Usage

`uname + option`

## Examples

- Print all information
    - `uname -a`
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## history

### Definition

Shows command line history

### Usage

`history + option`

### Examples

- Display session history
    - `history`
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## man

### Definition

An interface to the system reference manuals

### Usage

`man + option + command`

### Examples

- Open the man page of echo command
    - `man echo`
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## apt

### Definition

A set of tools for a managing debian packages

## Usage

`sudo`(if required) + `apt` + `apt action` + `package name`

## Examples

- Update and upgrade
    - `sudo apt update && sudo apt upgrade -y`
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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

### Examples

- find a snap
    - `snap search video player`
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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`

### Examples

- Update packages
  - `flatpak update`