Notes 3

echo

- **Definitions**:
    - Used for displaying text on the screen.
- **Usage**:
    - `echo` + `option` + `string to print`
- **Examples**:
    - Display a line of text.
        - `echo "Hello World"`
    - Display a line of text with a horizontal line.
        - `echo -e "\tHello World"`
    - Display 2 lines of text with a single echo command.
        - `echo -e "This is line 1\nThis is line 2"`

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date

- **Definitions**:
    - Print or set the system date and time.
- **Usage**:
    - `date` + `option`
- **Examples**:
    - Display current date.
        - `date`
    - Display current date in rfc 5322 format.
        - `date -R`

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free

- **Definitions**:
    - Display amount of free and used memory in the system.
- **Usage**:
    - `free` + `option`
- **Examples**:
    - Display memory utilization.
        - `free`
    - Display memory utilization in human readable format.
        - `free -h`

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uname

- **Definitions**:
    - Print the system information.

- **Usage**:
    - `uname` + `option`
- **Examples**:
    - Print all information.
        - `uname -a`
    - Print Kernel information.
        - `uname -s`
    - Print node name.
        - `uname -n`

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history

- **Definitions**:
    - Shows command line history.
- **Usage**:
    - `history` + `option`
- **Examples**:
    - Display session history.
        - `history`
    - Clear session history.
        - `history -c`

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man

- **Definitions**:
    - An interface to the system reference manuals.
- **Usage**:
    - `man` + `option` + `command`
- **Examples**:
    - Open the man page of the 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

- **Definitions**:
    - A set of tools for managing debian packages.
- **Usage**:
    - (if needed) `sudo` + `apt` + `action` + `package name`
- **Examples**:
    - Search for a program.
        - `apt search "Web Browser"`

- Update program.
    - `sudo apt update -y`
- Upgrade program.
    - `sudo apt upgrade -y`

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snap

- **Definitions**:
    - Snaps are app packages for desktop, cloud, and IoT devices which are easy to install, cross platform and dependency free.
- **Usage**:
    - (if needed) `sudo` + `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

- **Definitions**:
    - Flatpak is new technology for packaging, distributing, and managing software in Linux.
- **Usage**:
    - (if needed) `sudo` + `flatpak` + `action` + `package id`
- **Examples**:
    - Search for package.
        - `flatpak search "video player"`
    - Install package.
        - `flatpak install org.videolan.VLC`
    - Remove package.
        - `flatpak remove org.videolan.VLC`