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## Notes 3 - command definitions

**echo**: prints the user input , with formatting done based off of command options

- *usage*: 'echo [option] [string]'
  - *example* : echo -e "\thello world" would print "hello world" with a horizontal tab
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**date** : prints the date , by default with the format 'day of week , month, date, time, timezone, year', and can be reformatted with the proper options

- *usage*: 'date [option] [format]'
  - *example*: 'date +"%b %d %Y"' would print "Oct 12 2024"
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**free** : displays memory usage stats

- *usage*: 'free [option]'
  - *example*: 'free -mega' would display the free and used memory and related info in megabytes
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**uname** : prints specified system information

- *usage*: 'uname [option]'
  - *example*: 'uname -a' would print the kernel name, release and version, hostname, machine hardware , processor type, hardware platform, and OS
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**history** : prints history of commands entered

- *usage*: 'history'
  - *example*: 'history' would print the cache of remembered commands
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**man** : displays the manual for a specified command

- *usage*: man [command]
  - *example*: 'man uname' would change the terminal into a scrollable manual for the uname command, listing and explaining the various options for it
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**apt** : command-line interface for debian package management system, intended for end users

- *usage*: (sudo) apt [option] [command]
  - *example*: 'sudo apt install spotify-client' would install spotify, the music streaming service, and it's dependancies
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**snap** : allows the user to install snaps, packages meant to be compatible with all linux distros

- *usage*: 'snap [option]'

- *example*: 'snap install vlc' would install vlc, the open-source video player
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**flatpak** : command to use flatpak to build programs in an isolated environment

- *usage*: (sudo) flatpak [option] [command]
- *example*: 'sudo flatpak install vlc' would pull the vlc archive from it's git repo and build it