Notes 3

echo

- Definition: displays a line of text or variables to the standard output.
- Usage: echo "text": prints the value (string)
- Example: Display a line of text
  - echo :Hello, world!"
  - Display home directory
    - echo $Home
  - Displays new line
  - echo -e "Line 1\nLine 2"

date

- Definition: displays the current date and time
- Usage: date
- date "+%Y-%m-%d": displays the date in a specific format
- Example:
  - date
  - Displays the full day, month, date, and year.
  - date "+%A, %B %d, %Y"

free

- Definition: displays the amount of free memory
- Usage:
  - Displays memory usage in kilobytes.
  - free
  - displays memory usage in a human
  - free -h
- Example:
  - free
  - free -h

uname

- Definition: displays information about your system
- Usage:
  - uname
  - uname -a
  - uname -m
- Example:
  - Displays the kernel name

- uname
  - Displays all system information
    - uname -a

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history

- Definition: displays the shell command history
- Usage:
  - Displays the entire command history
  - displays the last n lines of the history
  - Executes the command from history line number n
- Example:
  - history
  - history 10
  - !15

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man

- Definition: displays the system's manual pages.
- Usage:
  - man command
  - Displays the manual page for the specified command
- Example:
  - man ls

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apt

- Definition: a command line tool for managing packages on Debian-based Linux distributions.
- Usage:
  - sudo apt: updates the package lists.
  - sudo apt upgrade: upgrades installed packages.
  - sudo apt install package_name: installs package.
- Example:
  - sudo apt update
  - sudo apt install tetris
  - sudo apt remove tetris

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snap

- Definition: a package manager, self contained applications.
- Usage:
  - installs a snap package
  - Removes a snap package.
- Example:
  - sudo snap install tetris

- sudo snap remove tetris

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flatpak

- Definition: universal package manager that allows to install applications that run in a sandbox.
- Usage:
    - adds flathub repository
    - install a flatpak package from flathub uninstalls a flatpak package.
- Example:
    - flatpak remote-add --if-not-exists flathub
    - flatpak install flathub
    - flatpak uninstall