

Notes 3

What is a graphical user interface (GUI)?

A visual way to use your computer with windows, icons, and menus.

What is a desktop environment?

The full graphical workspace that makes up your computer's look and feel.

What is the command line interface (CLI)?

A text based way to control your computer by typing commands instead of clicking icons.

How do I access the command line interface (CLI)?

You can open it through a terminal emulator (Tilix) or Ctrl + Alt + T

What is a virtual console?

A full screen, text only terminal you can switch to outside the desktop.

What is a terminal emulator?

A program that opens a command line window inside your GUI.

What is bash?

SHort for Bourne AGain SHell. It's a common command interpreter on Linux.

What is the shell prompt?

THE line that appears before you type a command in the terminal.

clear

Definition: Clears the screen **Usage:** `clear` **Example:** *How to clear the screen* `clear`

echo

Definition: Prints text or variables to the terminal **Usage:** `echo (text or variable)` **Example:** `echo "Hello, world!"`

date

Definition: Displays or sets the system date and time **Usage:** `date (OPTION)` **Example:** `date` or `date --rfc-3339=ns`

free

Definition: Displays system memory usage **Usage:** free (OPTION) **Example:** free -h

uname

Definition: Prints system information **Usage:** uname (OPTION) **Example:** uname -a or uname -r

history

Definition: Shows a list of previous executed commands in the shell **Usage:** history (OPTION) **Example:** history

man

Definition: Displays the manual for a command **Usage:** man (command) **Example:** man ls

tldr

Definition: Shows too long, didn't read explanations of commands **Usage:** tldr (command) **Example:** tldr tar

cheat

Definition: Shows community-made cheat sheets for commands **Usage:** cheat (command) **Example:** cheat find

hostname

Definition: Shows or sets the system's network name **Usage:** hostname (OPTION) **Example:** hostname or sudo hostname newname

df

Definition: Displays disk usage of mounted filesystems **Usage:** df (option) **Example:** df -h

du

Definition: Shows disk usage of files and directories **Usage:** du (OPTION) (PATH) **Example:** du -sh /home

figlet

Definition: Generates large ASCII art text banners **Usage:** figlet (text) **Example:** figlet "Kevin"