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What is a graphical user interface (GUI)?

set of programs that allows a user to interact with computer system via icons

What is a desktop environment?

Implementation of the desktop metaphor made of bundle program running on top of a computer operating system

What is the command line interface (CLI)?

The user interacts with computer by inputting commands.

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

Linux Console and Terminal Emulator

What is a virtual console?

is a terminal session that runs in linux system memory

What is a terminal emulator?

a program that allows you to access the linux CLI when using the GUI

What is bash?

is the shell that is interpreting your commands

What is the shell prompt?

appear whenever the shell is ready to accept input

clear

- **Definition**
 - clears the screen
- **Usage**
 - `clear`
- **Example**
 - How to clear the screen:
 - `clear`

echo

- **Definition**
 - Displays text on the screen

- **Usage**
 - `echo + option + string to display`
- **Example**
 - How to display a line of text:
 - `echo "hello"`

date

- **Definition**
 - Displays current date on the screen
- **Usage**
 - `date`
- **Example**
 - How to display a line of text:
 - `date`

free

- **Definition**
 - shows total, used, and available memory
- **Usage**
 - `free df -h`
- **Example**
 - How to display a line of text:
 - `free`

uname

- **Definition**
 - displays the kernel name
- **Usage**
 - `uname uname -a`
- **Example**
 - How to display a line of text:
 - `uname`

history

- **Definition**
 - commands previously used in the terminal
- **Usage**
 - `history`
- **Example**
 - How to display a line of text:
 - `history`

man

- **Definition**
 - system manual
- **Usage**
 - `man man date`
- **Example**
 - How to display a line of text:
 - `man`

tldr

- **Definition**
 - Keeps a local cache
- **Usage**
 - `tldr -u`
- **Example**
 - How to display a line of text:
 - `tldr`

cheat

- **Definition**
 - Cheat Sheets
- **Usage**
 - `cheat git`
- **Example**
 - How to display a line of text:
 - `cheat`

hostname

- **Definition**
 - shows the system's hostname
- **Usage**
 - `hostname`
- **Example**
 - How to display a line of text:
 - `hostname`

df

- **Definition**
 - Displays the amount of disk space
- **Usage**
 - `df`
- **Example**
 - How to display a line of text:
 - `df`

du

- **Definition**
 - Displays the amount of space used by specific files
- **Usage**
 - `du`
- **Example**
 - How to display a line of text:
 - `du`

figlet

- **Definition**
 - Displays text in large ASCII letters
- **Usage**
 - `figlets "John Doe"`
- **Example**
 - How to display a line of text:
 - `figlets`