* Linux Process commands

a. Ps

Shows processes running in the current terminal only

b. Ps - ef

Shows all running processes of all users with :

→ PID (Process ID)

→ PPID (Parent Process ID)

→ user

→ command

c. Ps aux

Displays all the processes with CPU usage, memory usage, process status.

d. TOP

Shows real time running processes and system usage
we can see CPU usage, RAM usage, Running tasks
(Press q to exit)

e. htop

Advanced and colorful version of top

Easy to - Kill process
         - Sort by CPU/RAM

f. pstree

Shows processes in a tree structure

Shows parent - child Relationships

g. nice

    nice -n 10 command

    sets priority of a process (CPU scheduling)

* Killing processes

a. kill process by name

    killall process-name

    → kill all running process with the given name

b. kill a process based on process-name

    pkill process-name

    → kills processes by matching their name or pattern

c. kill a single process using process (kill)

    kill PID

    → safely terminates one specific process.

d. kill - 9

    → forcefully kills a process (used when its stuck)