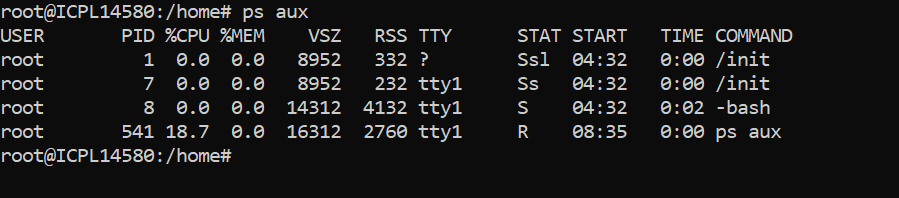
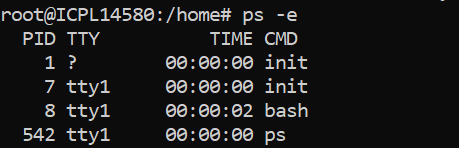
Process Management

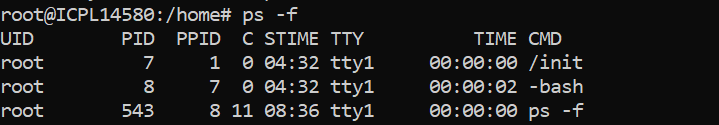
Ps aux



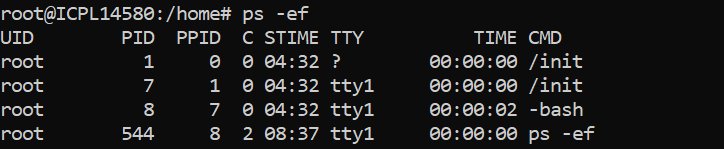
Ps –e



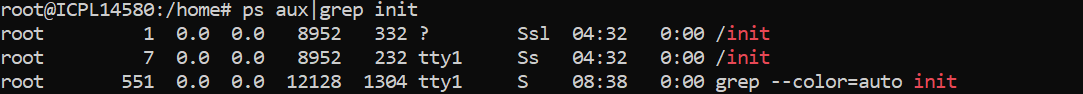
Ps –f



Ps –ef



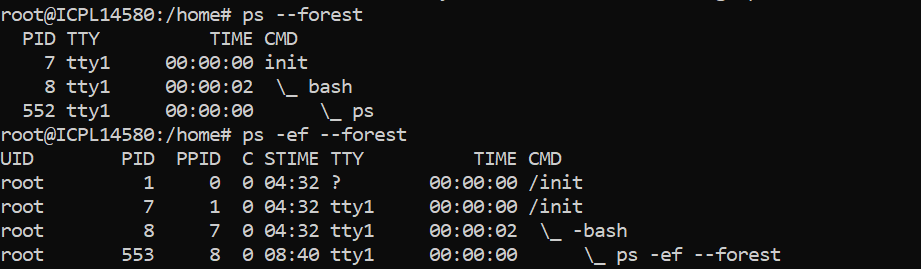
Ps aux | grep processName



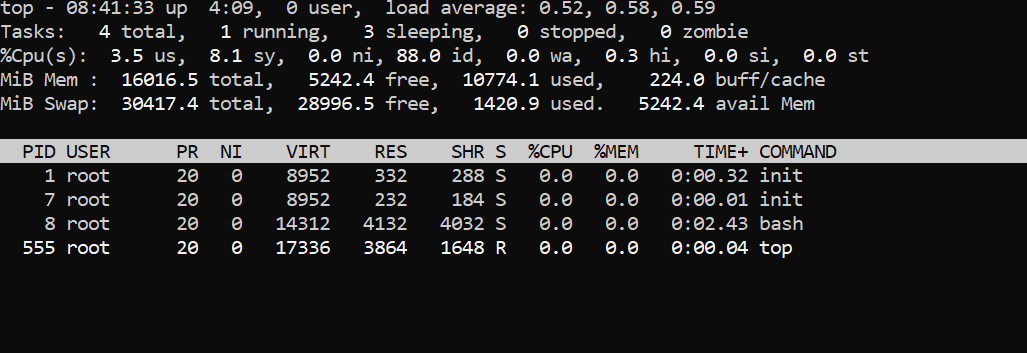
How can you display hierarchical information about parent and child processes

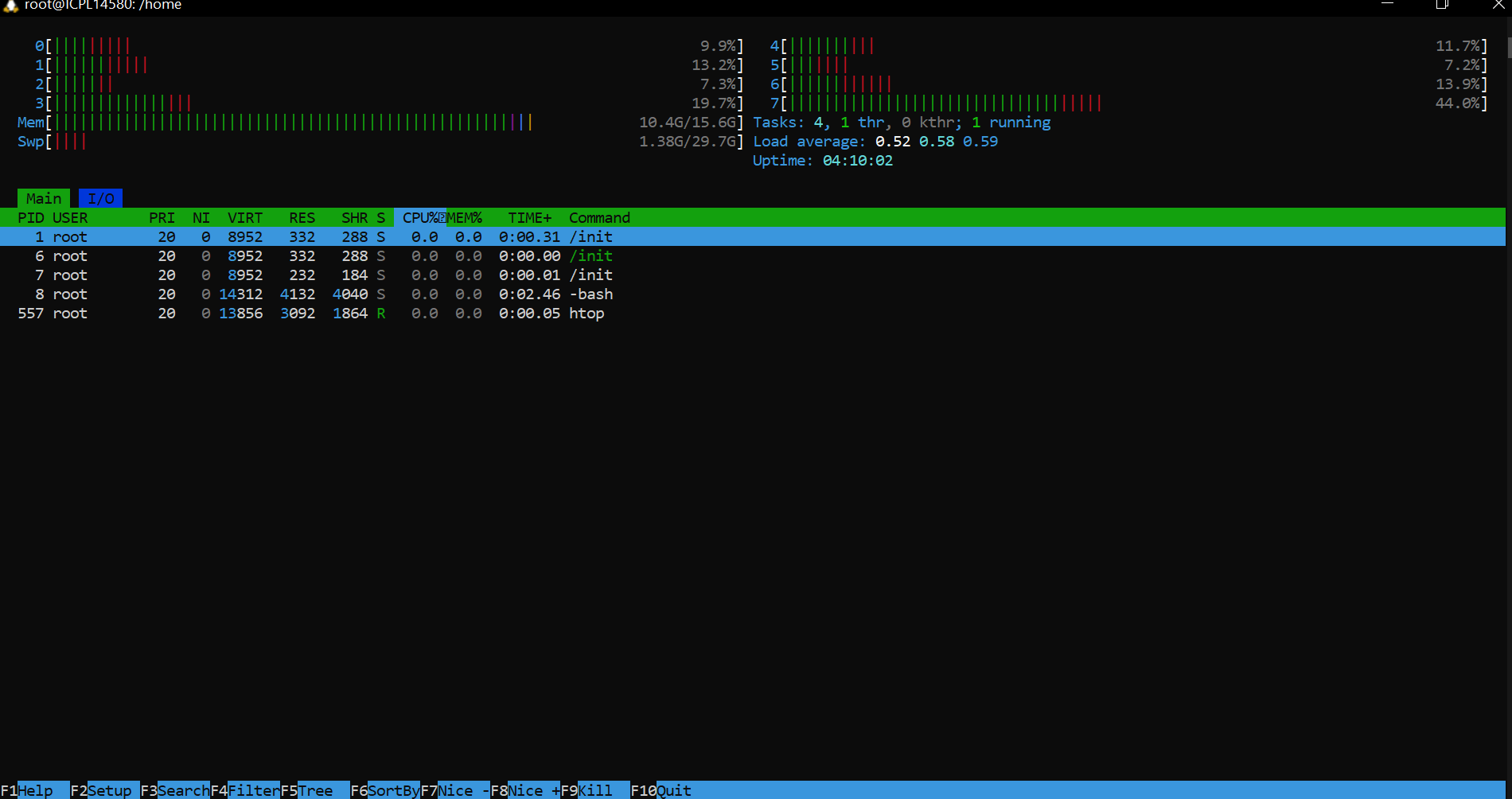
using ps ?

Use the ps --forest option (or --ppid for specific parent PIDs):

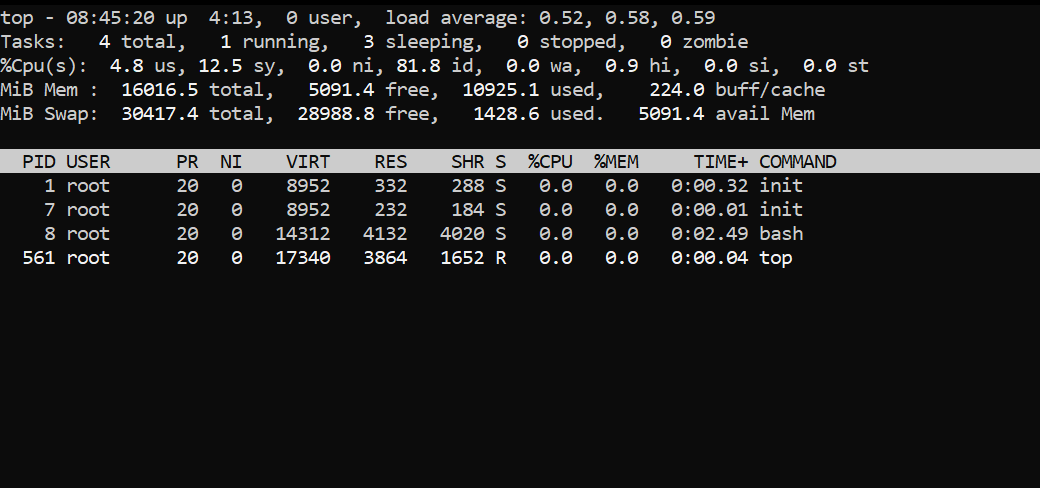


Top and htop





Top –u username

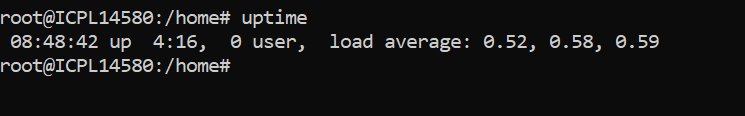


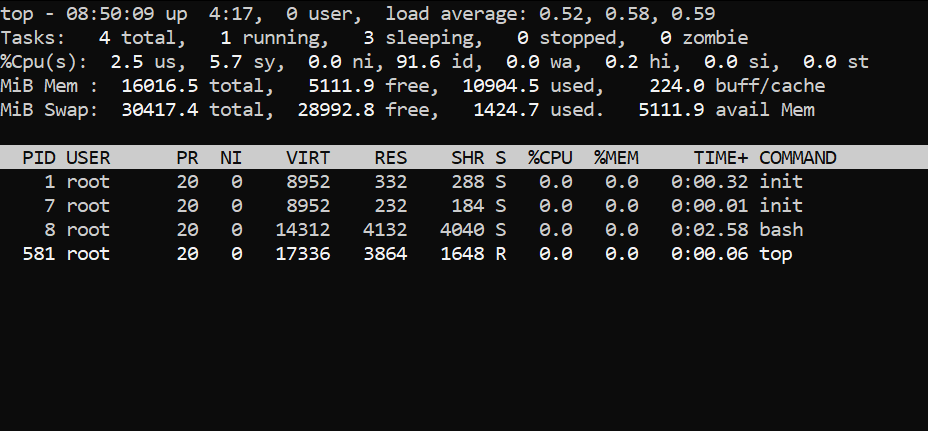
Load average: 1.02, 0.85, 0.77

Uptime

Load average indicates the average number of processes waiting to run over the last 1,

5, and 15 minutes.

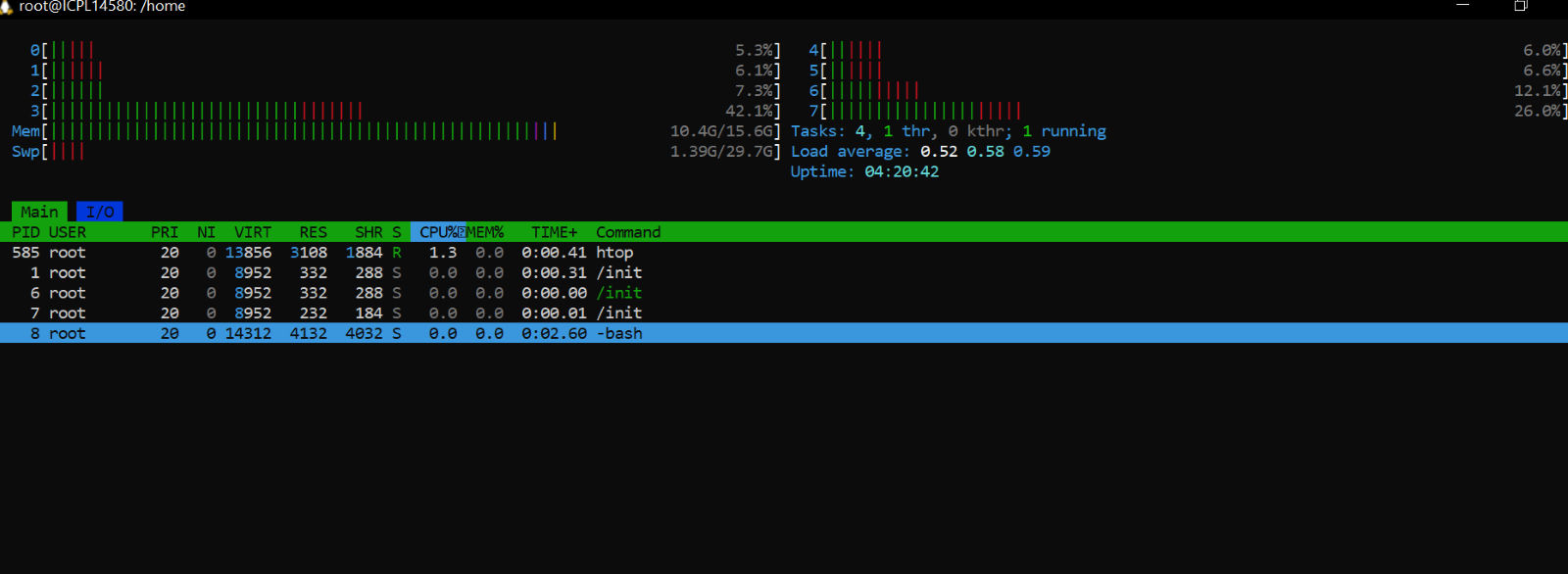




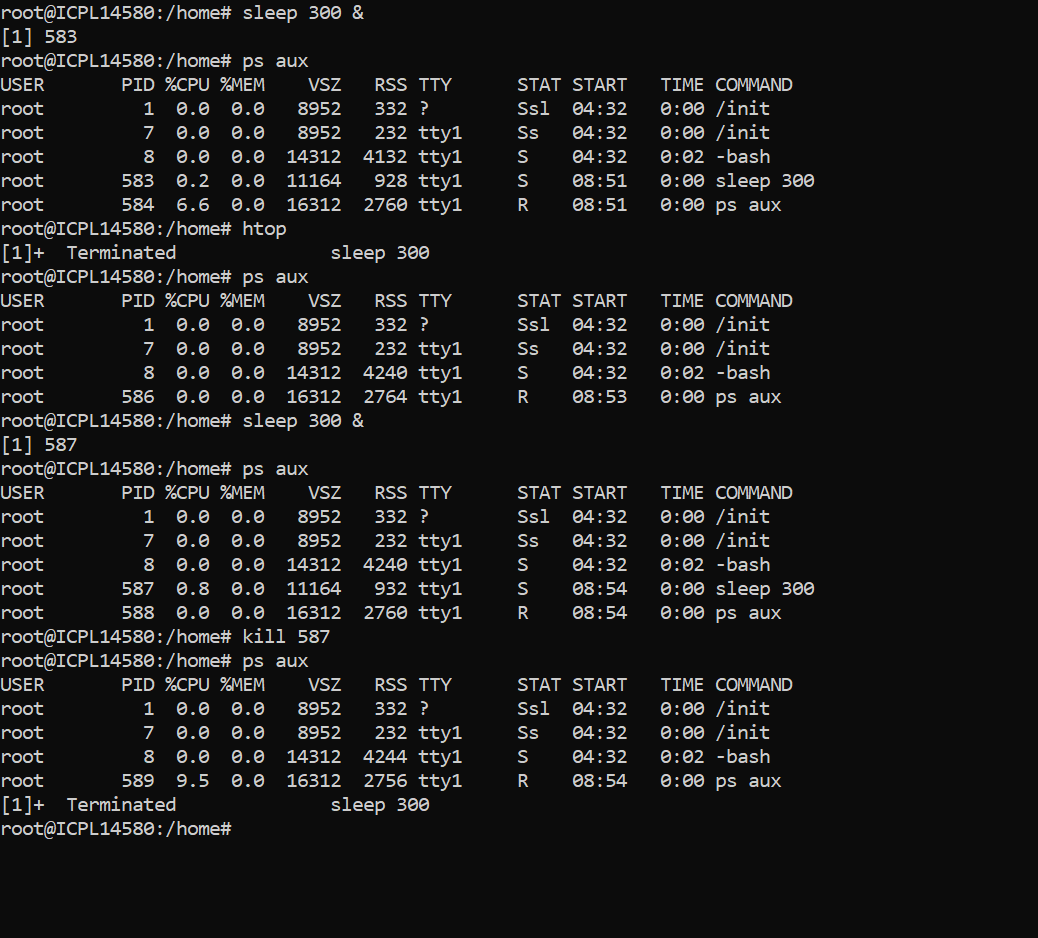
How can you kill a process directly from htop ?

Highlight the process using arrow keys and press F9 to kill it.

Created dummy process using sleep command and killed it using f9 command using htop

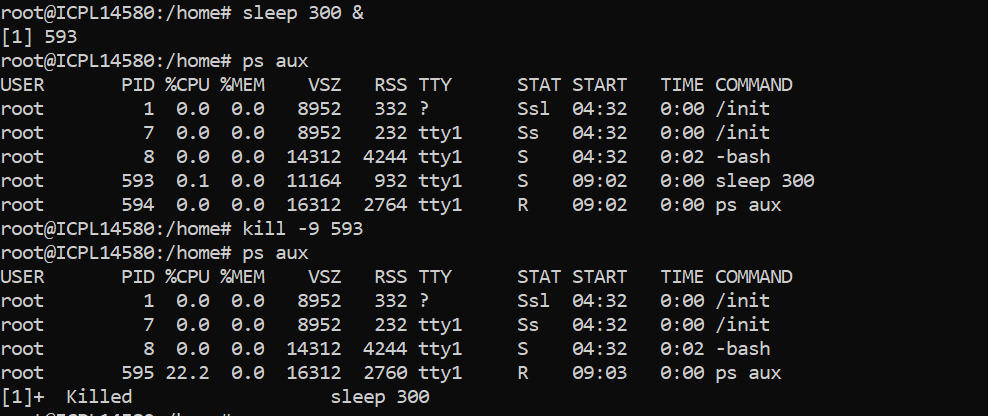


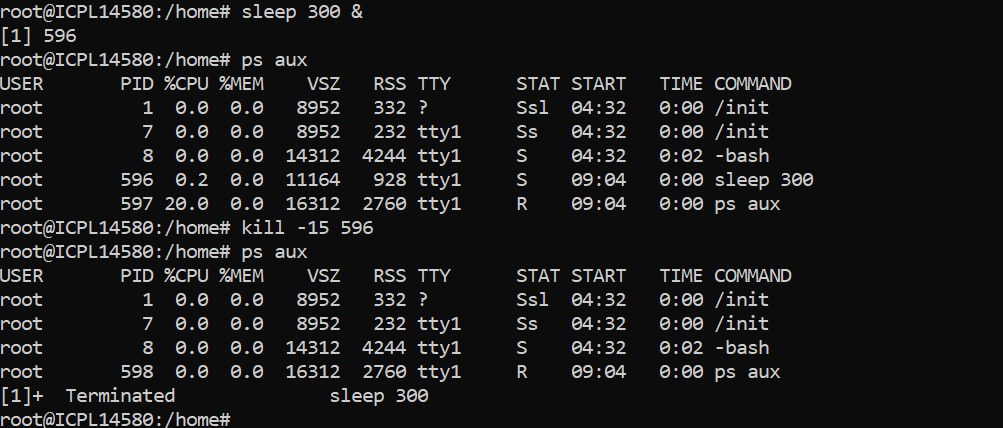
Kill command



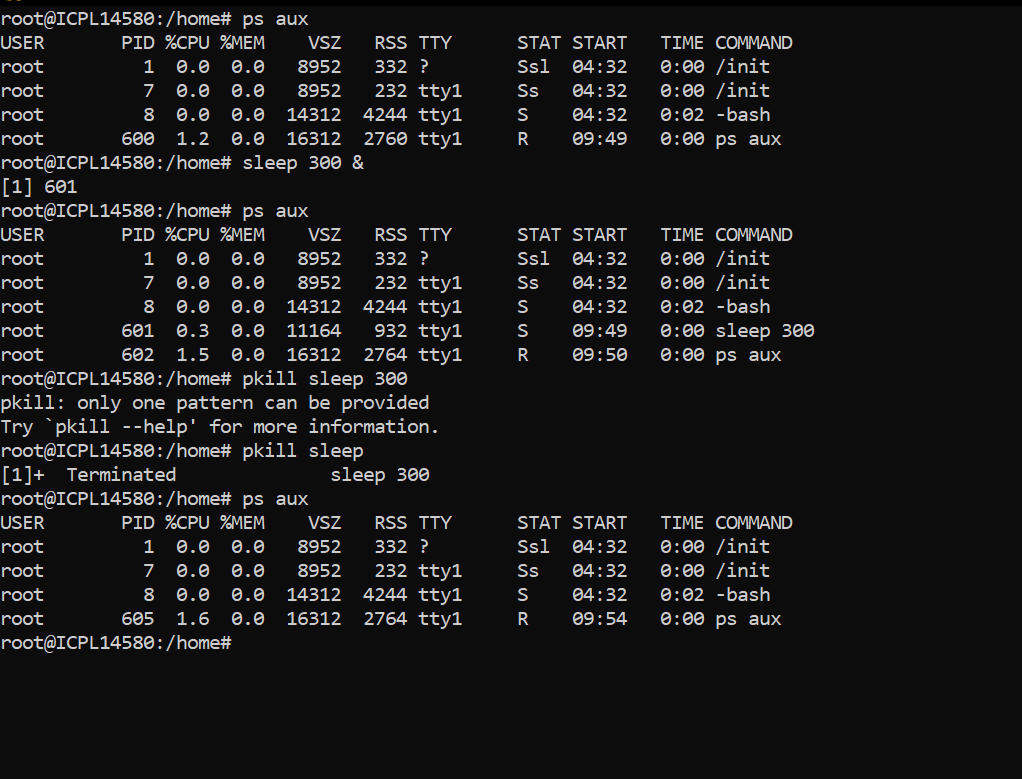
kill -9 : Sends a SIGKILL signal to forcefully terminate the process.

kill -15 : Sends a SIGTERM signal, allowing the process to exit gracefully

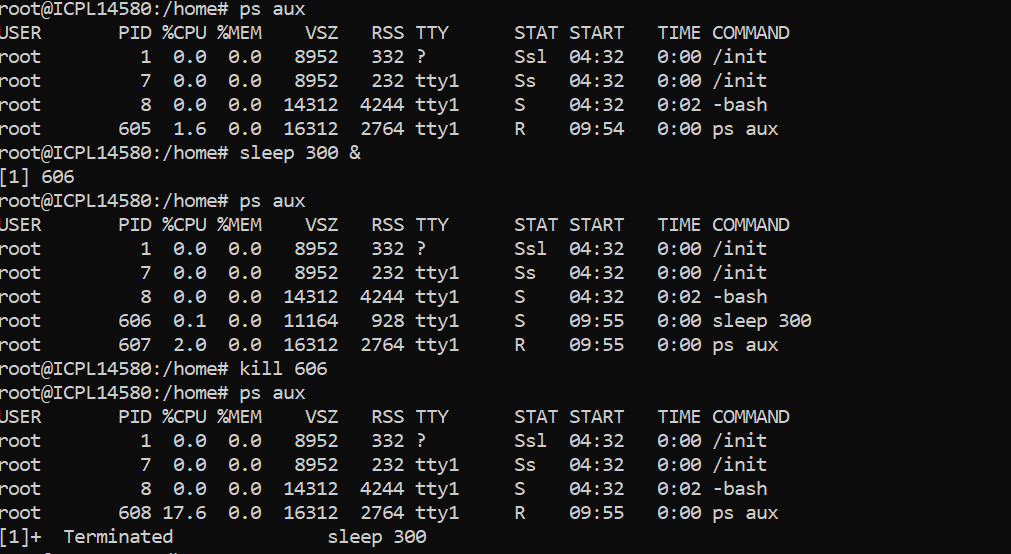




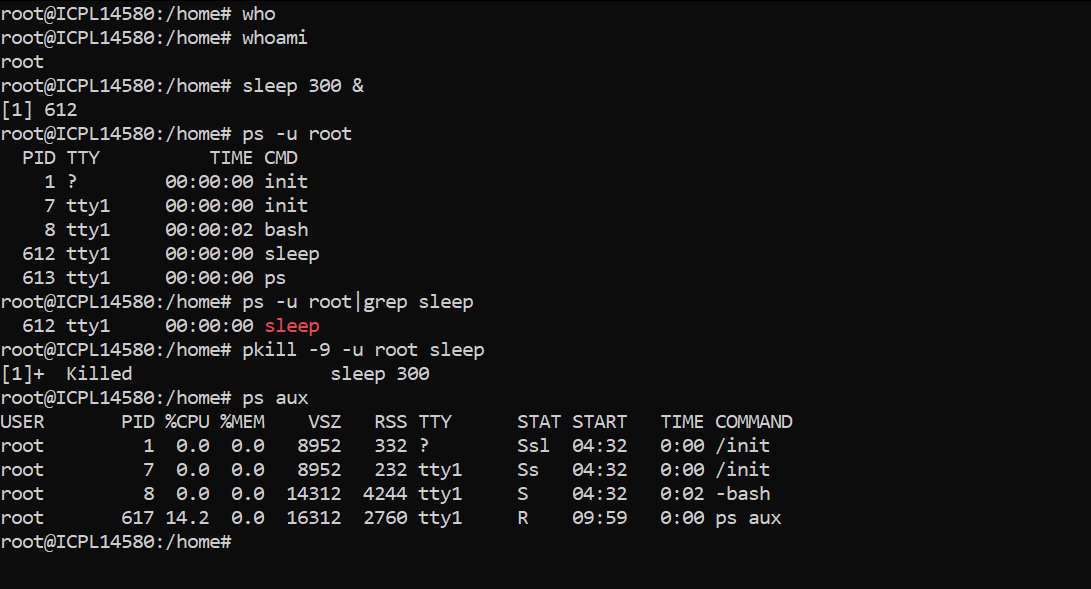
pkill : Kills processes by name.



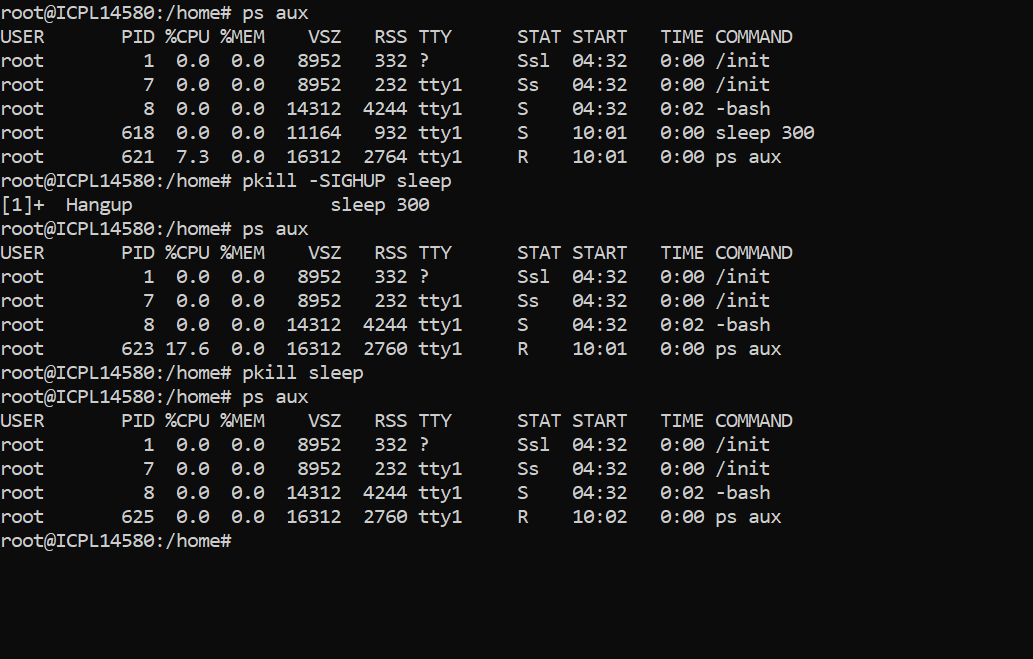
kill : Requires specifying the PID.



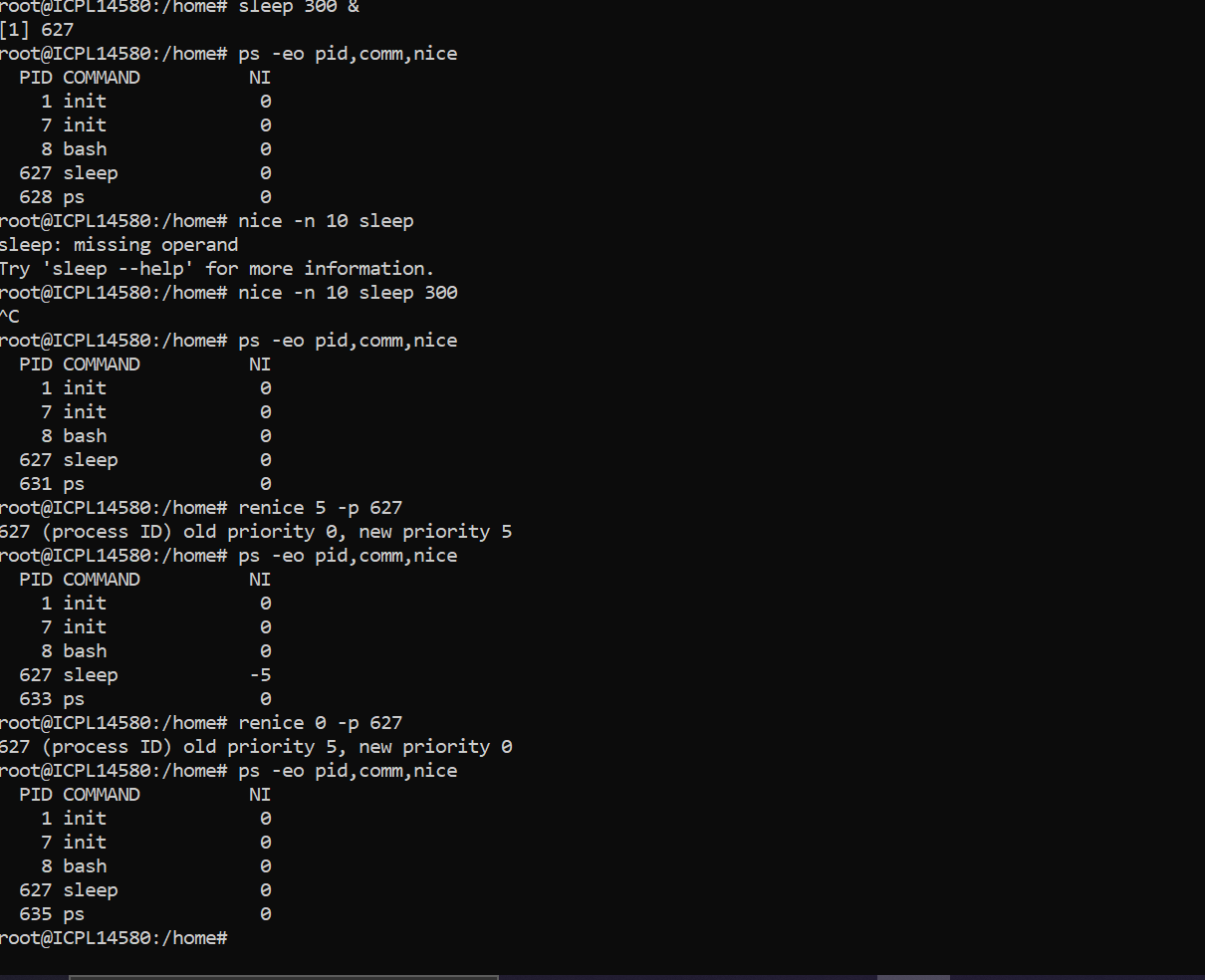
pkill -u username process\_name



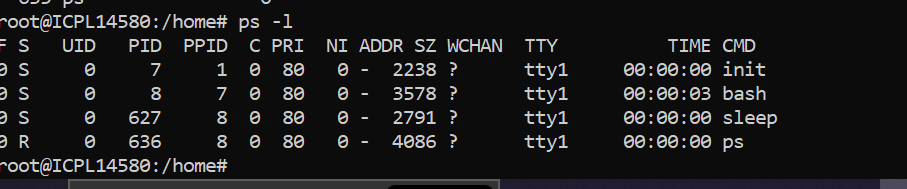
pkill -SIGHUP process\_name



Nice and renice values for priority



Ps –l



nohup my\_program &

nohup my\_program > my\_output.log &

