

Assignment – Process Management

- 1) List out highest priority process in the system

`ps -eo pid,pri,ni,comm --sort=-pri | head -n 1`

OR

`htop` (and use sort option choose **PRI** option)

- 2) Open terminal with 2 tabs or sessions

- a) run command "vmstat 1"

vmstat 1

- b) switch to another tab, pause running vmstat command for few seconds and resume it again use appropriate SIGNALS to do this activity.

Step 1: `pgrep vmstat` (to get pid)

Step 2 : `kill -SIGSTOP ****` (or) `kill 19 ****`

Step 2: `kill SIGCONT ****` (or) `kill 18 ****`

- 2) Find the process which is sleeping in "wait" state.

`ps -eo pid,stat,comm | grep '^.* D '`