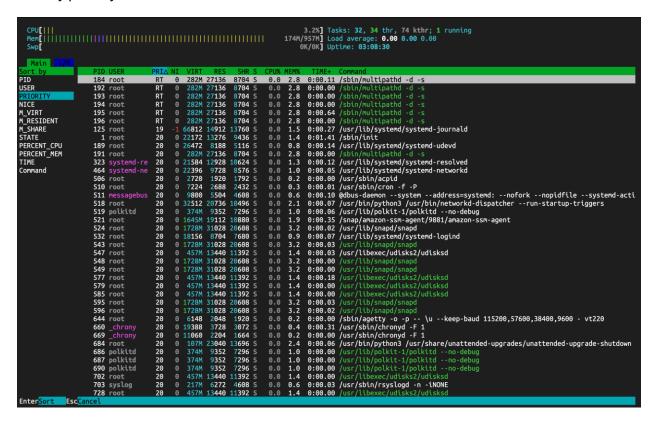
Assignment — Process Management

1) List out highest priority process in the system htop

Press f6

Sort by priority



Then the highest priority will be display at the top

In this case RT means real time highest priority

- 2) Open terminal with 2 tabs or sessions
- a) run command "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.

In 1st tab Vmstat 1

@ip-172-31-12-145: ~ — ssh -i test2.pem ubuntu@ec2-35-154-213-118.ap-south-1.compute.amazonaws.com												172-31-12-145: ~ — ssh -i test2.pem ubuntu@ec2-35-154-213-118.ap-south-1.compute.amazonaws.com +						
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procsmemoryswapiosystemcpu																		
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In 2nd tab

Pgrep vimstat

This will return the pid of the process vmstat

Using that pid

kill -SIGSTOP 2776

It stops the process

Now

In 2nd tab

kill -SIGSCONT 2776

```
[]+ Stopped vmstat 1
ubuntugitp-172-31-12-145:-$ 2 0 0 221740 17908 561804 0 0 340 756 10142 7622 0 0 92 0 8 0
0 0 221740 17908 561804 0 0 0 0 319 123 0 1 98 0 1 0
0 0 0 221740 17908 561804 0 0 0 0 311 112 0 0 0 100 0 0 0 0
0 0 0 221740 17908 561804 0 0 0 0 0 143 81 0 0 98 0 2 0
0 0 0 221740 17908 561804 0 0 0 0 0 37 26 0 0 87 0 13 0
0 0 0 221740 17908 561804 0 0 0 0 0 30 24 0 0 99 0 1 0
0 0 0 221740 17908 561804 0 0 0 0 0 30 24 0 0 99 0 1 0
0 0 0 221740 17908 561804 0 0 0 0 0 30 24 0 0 99 0 1 0
0 0 0 221740 17908 561804 0 0 0 0 0 30 24 0 0 99 0 1 0
0 0 0 221740 17908 561804 0 0 0 0 0 28 22 0 0 100 0 0 0
0 0 0 221740 17908 561804 0 0 0 0 0 38 0 17 0 0
0 0 0 221740 17908 561804 0 0 0 0 0 38 20 0 0 99 0 1 0
```

This resumes the command

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

```
ps -eo pid,state,command | awk '$2=="D"'
Or for Running state
ps -eo pid,state,command | awk '$2=="D"'
```

Or for sleeping state

ps -eo pid, state, command | awk '\$2=="D"'