Assignment Day 6 | 7th December 2020 Assignment - 3

1. Use ps to search for the "systemd" process by name.

```
parveenr@rchalab02-scomlab-local:~
                                                                       ×
File Edit View Search Terminal Help
[parveenr@rchalab02-scomlab-local ~]$ ps -C gedit
  PID TTY
                  TIME CMD
 5801 pts/0 00:00:02 gedit
[parveenr@rchalab02-scomlab-local ~]$ ps -C firefox
  PID TTY TIME CMD
             00:00:38 firefox
 5664 ?
[parveenr@rchalab02-scomlab-local ~]$ ps -C vi
  PID TTY
                  TIME CMD
 4604 tty2 00:00:00 vi
[parveenr@rchalab02-scomlab-local ~]$ ps -C vim
  PID TTY
            00:00:00 vim
 4582 tty3
[parveenr@rchalab02-scomlab-local ~]$
```

- 2. Find out your terminal name. Using your terminal name, use ps to find all processes associated With your terminal.
 - a. Using w command, we can find details for user login details and their terminal information.

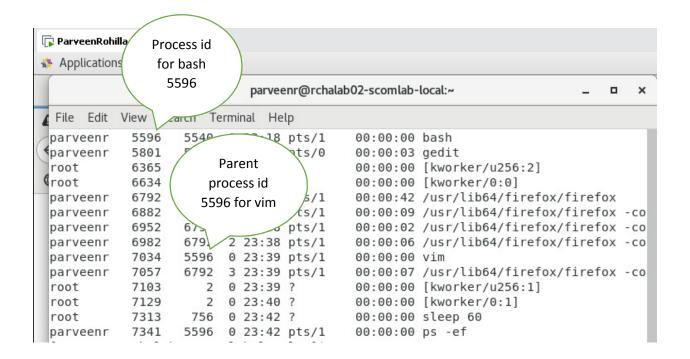
```
parveenr@rchalab02-scomlab-local:~
File Edit View Search Terminal Help
[parveenr@rchalab02-scomlab-local ~]$ w
23:22:29 up 1:42, 5 users, load average: 3.26, 2.35, 1.02
               FROM
                                LOGIN@ IDLE JCPU PCPU WHAT
USER
       TTY
                                               7:22
parveenr :0
                :0
                                 20:14
                                        ?xdm?
                                                      1.52s /usr/libexec/gn
                                       3:17 2.95s 0.09s bash
              : 0
parveenr pts/0
                                23:18
parveenr pts/1 :0
                                        5.00s 0.38s 0.04s w
                                23:18
       tty2
                                22:31 39:17 0.20s 0.05s vi
testuser tty3
                                22:41 39:49 0.27s 0.15s vim
[parveenr@rchalab02-scomlab-local ~]$
```

b. Listing processes associated with a terminal for current user.

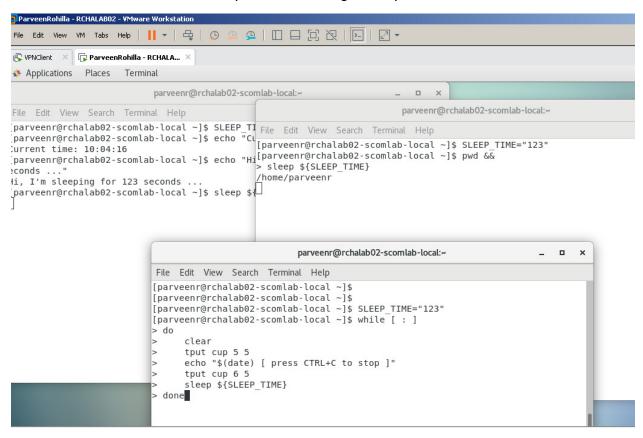
c. Listing processes associated with a terminal for other terminal users.

```
parveenr@rchalab02-scomlab-local:~
                                                                              п
                                                                                  ×
File Edit View Search Terminal Help
[parveenr@rchalab02-scomlab-local ~]$ ps -t tty1
  PID TTY
                    TIME CMD
 1246 tty1
                00:00:55 X
[parveenr@rchalab02-scomlab-local ~]$ ps -t tty2
  PID TTY
                    TIME CMD
 4150 tty2
                00:00:00 bash
 4604 tty2
                00:00:00 vi
```

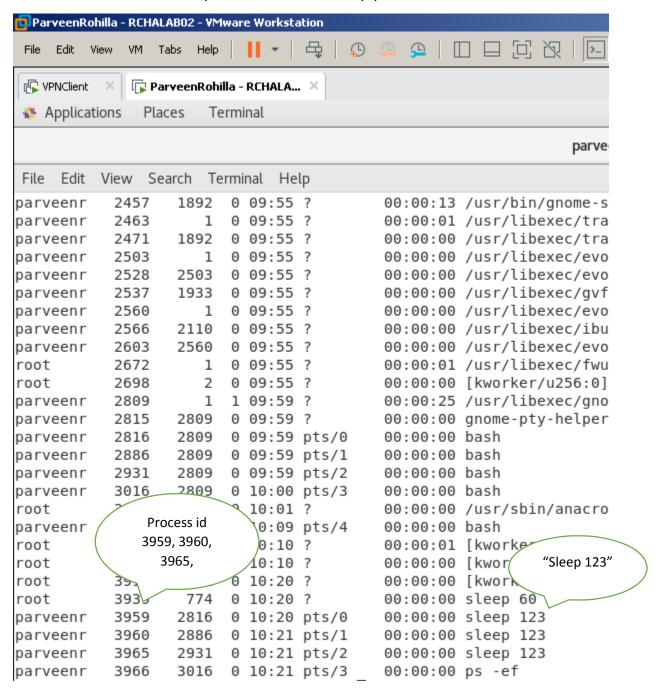
3. Process id and their associated parent process id.



4. Start 3 instances of "sleep 123" as background processes.



5. Check and note the process id's of all sleep processes.



6. Display only those three sleep processes in top. Then quit top.

