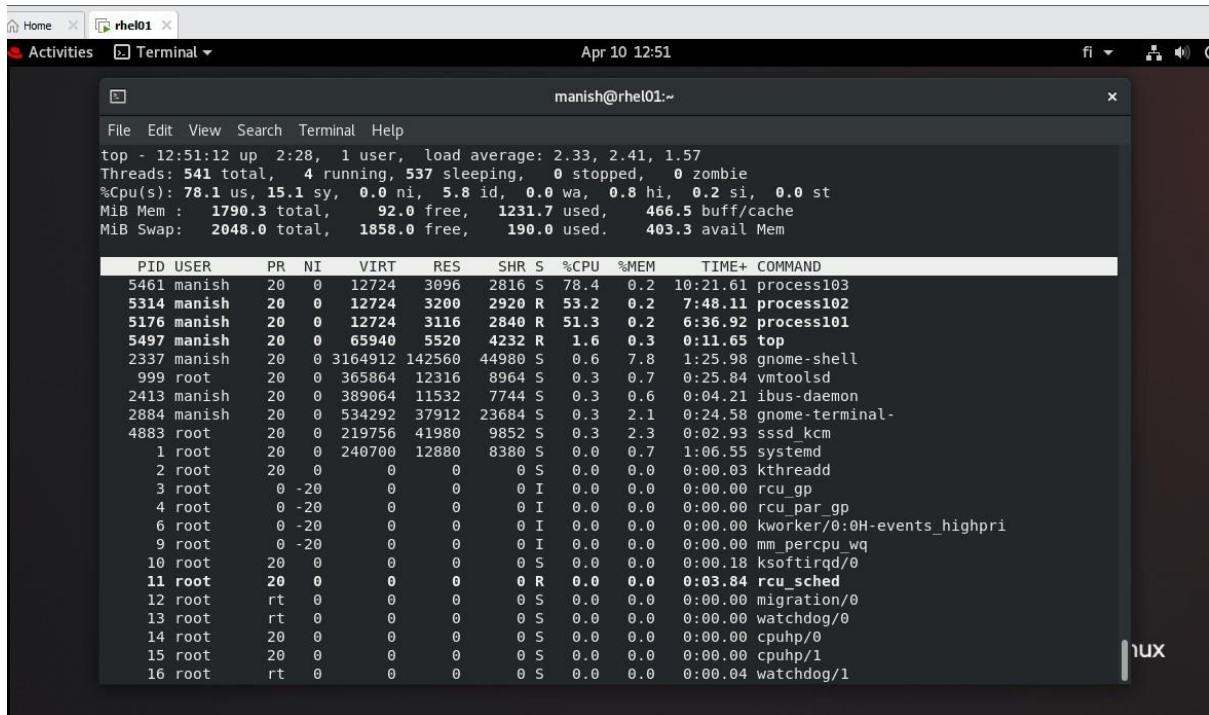


Assignment: Lab 5: Monitoring and Managing Linux Processes

Processes created and sorted by threads. There are 2 cores in my processor.



```
File Edit View Search Terminal Help
top - 12:51:12 up 2:28, 1 user, load average: 2.33, 2.41, 1.57
Threads: 541 total, 4 running, 537 sleeping, 0 stopped, 0 zombie
%Cpu(s): 78.1 us, 15.1 sy, 0.0 ni, 5.8 id, 0.0 wa, 0.8 hi, 0.2 si, 0.0 st
MiB Mem : 1790.3 total, 92.0 free, 1231.7 used, 466.5 buff/cache
MiB Swap: 2048.0 total, 1858.0 free, 190.0 used, 403.3 avail Mem

  PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM    TIME+  COMMAND
 5461 manish    20   0   12724    3096   2816 S   78.4   0.2   10:21.61 process103
 5314 manish    20   0   12724    3200   2920 R   53.2   0.2    7:48.11 process102
 5176 manish    20   0   12724    3116   2840 R   51.3   0.2    6:36.92 process101
 5497 manish    20   0   65940    5520   4232 R    1.6   0.3    0:11.65 top
 2337 manish    20   0 3164912 142560 44980 S    0.6   7.8   1:25.98 gnome-shell
 999  root      20   0 365864   12316  8964 S    0.3   0.7   0:25.84 vmtotalsd
 2413 manish    20   0 389064   11532   7744 S    0.3   0.6   0:04.21 ibus-daemon
 2884 manish    20   0 534292   37912  23684 S    0.3   2.1   0:24.58 gnome-terminal-
 4883 root      20   0 219756   41980   9852 S    0.3   2.3   0:02.93 sssd kcm
    1 root      20   0 240700   12880   8380 S    0.0   0.7   1:06.55 systemd
    2 root      20   0         0         0     0 S    0.0   0.0   0:00.03 kthreadd
    3 root      0 -20         0         0     0 I    0.0   0.0   0:00.00 rcu_gp
    4 root      0 -20         0         0     0 I    0.0   0.0   0:00.00 rcu_par_gp
    6 root      0 -20         0         0     0 I    0.0   0.0   0:00.00 kworker/0:0H-events_highpri
    9 root      0 -20         0         0     0 I    0.0   0.0   0:00.00 mm_percpu_wq
   10 root      20   0         0         0     0 S    0.0   0.0   0:00.18 ksoftirqd/0
   11 root      20   0         0         0     0 R    0.0   0.0   0:03.84 rcu_sched
   12 root      rt   0         0         0     0 S    0.0   0.0   0:00.00 migration/0
   13 root      rt   0         0         0     0 S    0.0   0.0   0:00.00 watchdog/0
   14 root      20   0         0         0     0 S    0.0   0.0   0:00.00 cpuhp/0
   15 root      20   0         0         0     0 S    0.0   0.0   0:00.00 cpuhp/1
   16 root      rt   0         0         0     0 S    0.0   0.0   0:00.04 watchdog/1
```