Ps command

```
Last login: Tue Feb 10 20:50:23 on console
(base) vaibhavdhote@Vaibhavs-MacBook-Air ~ % ps
  PID TTY           TIME CMD
12279 ttys000    0:00.03 -zsh
(base) vaibhavdhote@Vaibhavs-MacBook-Air ~ %
```

Top command

```
Processes: 482 total, 2 running, 480 sleeping, 3045 threads                                                                    21:41:27
Load Avg: 2.05, 2.03, 2.07  CPU usage: 6.19% user, 4.13% sys, 89.66% idle  SharedLibs: 250M resident, 72M data, 62M linkedit. MemRegions: 0 total, 0B resident, 0B private, 710M shared.
PhysMem: 7562M used (1509M wired, 3308M compressor), 52M unused. VM: 265T vsize, 5226M framework vsize, 1119762(0) swapins, 1504463(0) swapouts.  Networks: packets: 11419692/11G in, 2441646/471M out.
Disks: 9592397/242G read, 4611415/101G written.

PID   COMMAND      %CPU  TIME      #TH  #WQ #PORT MEM    PURG  CMPRS  PGRP  PPID  STATE    BOOSTS        %CPU_ME %CPU_OTHRS UID FAULTS     COW      MSGSENT    MSGRECV    SYSBSD     SYSMACH    CSW
742   Google Chrom 31.0 01:52:40  21   3   832-  1587M+ 0B    138M+  488   488   sleeping *1[1094193]   2.14579 0.00000    501 10025413+  917      86608050+  28976976+  59762523+  234250071+ 60274478+
11337 Google Chrom 13.8 11:13.53  19   1   252   140M-  0B    57M-   488   488   sleeping *0[661657+]  0.00000 0.00000    501 1172238+   306094+  4160273+   2444367+   4637879+   7388156+   3719903+
0     kernel_task  11.2 02:10:50  540/8 0  0     103M   0B    0B     0     0     running   0[0]          0.00000 0.00000    0   118491     3        82962145+  62961509+  0          0          503777032+
173   WindowServer 8.6  01:58:45  19   6   2728  688M+  0B-   106M-  173   1     sleeping *0[1]         0.00000 2.48329    88  4503076+   2690     52708794+  59882664+  102152919+ 198324546+ 43724475+
12324 top          8.1  00:02.49  1/1  0   30    8272K+ 0B    2352K  12324 12279 running  *0[1]         0.00000 0.00000    0   12232+     87       1970175+   985099+    56266+     1089030+   805+
9552  Google Chrom 5.1  04:55.48  18   1   248   162M+  0B    80M-   488   488   sleeping *0[555161+]   0.00000 0.00000    501 1692562+   862      3797468+   2114666+   4230510+   6406121+   3065035+
790   Google Chrom 4.9  68:43.60  18   1   409   277M   0B    123M-  488   488   sleeping *0[3272447+]  0.00000 0.00000    501 13201815+  147445+  33022443+  17420803+  34587998+  52948394+  26543102+
513   Terminal     0.6  00:03.13  9    4   343   127M   0B    13M+   513   1     sleeping *0[425]       0.02194 0.00000    501 103459+    386      25172+     7786+      31216+     61921+     40640+
488   Google Chrom 0.5  30:52.24  50   4   1586  463M+  0B    297M+  488   1     sleeping *59543[24792] 0.00000 0.00000    501 22035093+  347190   22307289+  11324161+  77733106+  73982640+  22514517+
855   Google Chrom 0.5  09:31.06  23   1   262   722M   0B    699M-  488   488   sleeping *246741[1368] 0.00000 0.00000    501 16919589+  19246    1257127+   782541+    2201059+   3542667+   2861413+
285   com.apple.Dr 0.3  16:42.08  7    5   1468  30M    0B    4960K  285   1     sleeping  0[1]         0.00000 0.00000    270 2033621    65       5277781+   4554467+   17843733+  20515615+  16302878+
157   bluetoothd   0.2  02:18.76  10   4   412+  10M    0B    5712K- 157   1     sleeping *0[1]         0.15008 0.00000    0   563345+    170      368046+    183179+    4280820+   768591+    1675482+
833   Google Chrom 0.2  02:58.58  20   1   405   105M   0B    78M    488   488   sleeping *0[220936+]   0.00000 0.00000    501 3696907+   889      1199202+   832805+    1801924+   2611443+   1675398+
7980  com.apple.Am 0.2  00:56.82  3    1   79    3808K  0B    2608K  7980  1     sleeping *1[1]         0.13441 0.00000    0   19015      110      212396+    134204+    2172330+   552776+    488867+
160   corebrightne 0.1  02:36.00  2    1   141   4224K  0B    2720K  160   1     sleeping *0[1]         0.14346 0.00000    0   387401+    133      472823+    364354+    4119937+   982474+    1202420+
5746  Code Helper  0.1  01:07.67  21   1   98    203M   0B    195M   516   516   sleeping *0[7583]      0.00000 0.00000    501 752706     517      355967+    28244      1051518+   1365825+   1137221+
204   airportd     0.1  10:07.09  8    6   366   11M+   0B    5888K+ 204   1     sleeping  0[2596]      0.04573 0.00000    0   2488842+   187      6205987+   3142054+   25385496+  7236431+   8320149+
246   audioclocksy 0.0  00:56.22  4    3   53    3056K  0B    2080K  264   1     sleeping *0[1]         0.00000 0.00000    0   32157      93       96783      486263+    1320680+   942863+    942415+
743   Google Chrom 0.0  13:52.99  17   1   338   72M-   0B    35M-   488   488   sleeping *9273[373]    0.00000 0.00000    501 3154405+   3841     6421548+   1367584+   30735309+  8875757+   9051752+
588   milod        0.0  00:15.77  4    2   159+  9024K+ 0B    6896K- 588   1     sleeping *1[1058]      0.00000 0.06759    501 189226+    173      24267      19832+     289047+    283464+    117412+
1064  Google Chrom 0.0  00:25.03  18   1   175   53M    0B    43M-   488   488   sleeping *0[51292+]    0.00000 0.00000    501 775677+    882      213951+    130139+    222382+    403490+    287738+
12247 Google Chrom 0.0  00:17.34  19   1   260   213M   0B    197M-  488   488   sleeping *0[11414+]    0.00000 0.00000    501 313827+    860      77978+     45983+     120785+    179469+    123894+
10941 PerfPowerSer 0.0  01:03.36  6    3   501   13M    0B    4912K  10941 1     sleeping  0[407]       0.00000 0.00000    0   165656     161      863810     471971+    826672+    915639     587355+
9083  duetexpertd  0.0  02:50.09  2    1   396   15M    0B    7200K  9083  1     sleeping  0[313]       0.00000 0.00000    501 271778     334      33384      80574+     4269310+   134980     492331+
491   sharingd     0.0  00:26.95  3    1   311   14M    0B    10M    491   1     sleeping *0[1]         0.00000 0.04136    501 349481+    270      96618+     102493+    369707+    796090+    400203+
12264 Google Chrom 0.0  00:06.38  20   1   331   207M   0B    189M-  488   488   sleeping *0[3392+]     0.00000 0.00000    501 190125+    846      26708+     12548+     40129+     62828+     47352+
246   WirelessRadi 0.0  00:15.32  3    2   73    3712K  0B    2160K  246   1     sleeping *0[1]         0.00000 0.04573    0   160872+    115      106153+    68274+     447086+    185919+    152759+
586   nearbyd      0.0  00:09.18  5    3   88    4688K- 0B    2928K- 586   1     sleeping *0[13694+]    0.00000 0.04114    268 136985+    128      4886       9450+      285802+    20704+     134510+
7786  Google Chrom 0.0  01:15.21  18   1   280   165M   0B    150M   488   488   sleeping *0[74650+]    0.00000 0.00000    501 2141833    870      269556+    176033+    350019+    789318+    534555+
744   Code Helper  0.0  00:22.13  21   1   94    38M    0B    33M    516   516   sleeping *0[55]        0.00000 0.00000    501 397805     514      95796+     4314      356228+    292717+    260786+
791   Google Chrom 0.0  01:43.17  18   1   241   210M   0B    183M   488   488   sleeping *0[57389+]    0.00000 0.00000    501 4799918+   885      381649+    206702+    398435+    927939+    794700+
5745  Code Helper  0.0  00:16.24  21   1   106   35M    0B    30M    516   516   sleeping *0[38]        0.00000 0.00000    501 253582     513      55770+     2076      348286+    216246+    234537+
219   symptomsd    0.0  01:54.15  4    3   145   7489K  0B    4032K  219   1     sleeping  0[4168]      0.00000 0.00000    24  278620     159      61975      33039      3686050+   139975     925945+
516   Electron     0.0  01:34.44  41   1   569   97M    0B    81M+   516   1     sleeping *0[14467]     0.00000 0.00000    501 1752042    930      427861+    139227     917889+    2325749+   853468+
130   thermalmonit 0.0  00:11.05  3    2   53    2656K  0B    1600K  130   1     sleeping *0[1]         0.00000 0.00000    0   53178      183      123611+    61847+     130626+    422157+    151980+
140   locationd    0.0  03:25.99  6    3   277   9776K  0B    4480K  140   1     sleeping  0[23705]     0.00000 0.00000    205 598847     186      1803854+   932862     2954363+   1704468+   1398527+
787   Google Chrom 0.0  14:12.95  21   1   351   638M   0B    629M   488   488   sleeping *0[62683]     0.00000 0.00000    501 13062231   8417     2453717    1338319    3742212    5994485+   4611483+
467   lockoutagent 0.0  00:13.25  4    3   60    3152K  0B    1616K  467   1     sleeping *0[1]         0.00000 0.00000    501 55336      105      59516+     658      498245+    237698+    331811+
641   Code Helper  0.0  00:55.09  16   2   167   99M    0B    35M    516   516   sleeping *1[743]       0.00000 0.00000    501 471875     565      456452     158258     637594+    2007024+   670899+
997   Google Chrom 0.0  00:16.01  17   1   144   39M    0B    35M    488   488   sleeping *0[4307]      0.00000 0.00000    501 456455     862      100813+    51053+     24764      141008+    128482+
12236 Google Chrom 0.0  00:04.51  18   1   144   107M   0B    89M-   488   488   sleeping *0[1961]      0.00000 0.00000    501 106337+    988      15708      17954      39077      67594+     62135+
877   Google Chrom 0.0  10:56.81  21   1   346   214M   0B    197M   488   488   sleeping *0[143290]    0.00000 0.00000    501 7238494    942      2442020    1355316    3111717    4738243+   3159954+
769   Google Chrom 0.0  03:55.27  20   1   308   295M   0B    273M   488   488   sleeping *0[72139]     0.00000 0.00000    501 9921346    1347     424071     194042     889829     2207964+   1579529+
881   Google Chrom 0.0  02:18.71  25   1   429   325M   0B    269M+  488   488   sleeping *0[43193]     0.00000 0.00000    501 6826979    1138     443242     242668     946561     2435803+   1389954+
834   Google Chrom 0.0  00:33.21  19   1   206   166M   0B    152M+  488   488   sleeping *1946[1066]   0.00000 0.00000    501 1516714    941      132225     77491      182691     267546+    298921+
1037  Google Chrom 0.0  00:16.52  19   1   159   44M    0B    40M    488   488   sleeping *0[4292]      0.00000 0.00000    501 484046     855      100836     50870      26263      141760+    135636+
92    logd         0.0  02:13.70  4    3   1547  21M    0B    27M+   92    1     sleeping *0[1]         0.00000 0.00000    0   814330+    96       694098+    787320+    4551396+   828342+    1873805+
1031  Google Chrom 0.0  00:18.57  17   1   157   55M    0B    51M    488   488   sleeping *0[5244]      0.00000 0.00000    501 565441     880      112877+    56680+     32822      150805+    145912+
274   appleh13came 0.0  00:05.52  6    3   106   17M    0B    3392K  274   1     sleeping *0[1]         0.00000 0.00000    262 32174      122      9099       8454       188855+    21914      140725+
12317 Google Chrom 0.0  00:04.79  18   1   336   272M   0B    190M   488   488   sleeping *0[2158]      0.00000 0.00000    501 80329      839      21459+     11492+     33305      47783+     39877+
532   ControlCente 0.0  02:34.44  6    2   640   53M    0B    32M+   532   1     sleeping *0[6791]      0.00000 0.00000    501 1573862    621      3103461    1499884    1595586+   3011637    1142876+
524   Notes        0.0  00:19.87  6    3   326   43M    0B    35M+   524   1     sleeping *0[351]       0.00000 0.00000    501 496838     446      32312      9070       410177+    93173      327643+
746   Google Chrom 0.0  00:11.00  11   1   153   72M    0B    24M    488   488   sleeping *0[23473]     0.00000 0.00000    501 476834+    1115     128737     51243      150115+    288490+    168211+
4731  Google Chrom 0.0  10:15.09  23   1   257   802M   0B    785M   488   488   sleeping *553239[440]  0.00000 0.00000    501 15234612   18969    1332277    825976     2395404    5100819+   4576540+
```

pgrep Google Chrome

```
[(base) vaibhavdhote@Vaibhavs-MacBook-Air ~ % pgrep Google Chrome
 488
 742
 743
 746
 769
```

systemctl status nginx

```
ubuntu@ip-172-31-28-251:~$ systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
     Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset: enabled)
     Active: active (running) since Tue 2026-02-17 16:52:28 UTC; 27s ago
       Docs: man:nginx(8)
    Process: 2072 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
    Process: 2074 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
   Main PID: 2104 (nginx)
      Tasks: 3 (limit: 1008)
     Memory: 2.4M (peak: 5.3M)
        CPU: 23ms
     CGroup: /system.slice/nginx.service
             ├─2104 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
             ├─2106 "nginx: worker process"
             └─2107 "nginx: worker process"

Feb 17 16:52:28 ip-172-31-28-251 systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy s
Feb 17 16:52:28 ip-172-31-28-251 systemd[1]: Started nginx.service - A high performance web server and a reverse proxy se
ubuntu@ip-172-31-28-251:~$
```

systemctl list-units

```
ubuntu@ip-172-31-28-251:~$ systemctl list-units
  UNIT                                                              LOAD   ACTIVE SUB     DESCRIPTION                                              >
  proc-sys-fs-binfmt_misc.automount                                 loaded active running Arbitrary Executable File Formats File System Automount P>
  sys-devices-pci0000:00-0000:00:04.0-nvme-nvme0n1-nvme0n1p1.device loaded active plugged Amazon Elastic Block Store cloudimg-rootfs
  sys-devices-pci0000:00-0000:00:04.0-nvme-nvme0n1-nvme0n1p14.device loaded active plugged Amazon Elastic Block Store 14
  sys-devices-pci0000:00-0000:00:04.0-nvme-nvme0n1-nvme0n1p15.device loaded active plugged Amazon Elastic Block Store UEFI
  sys-devices-pci0000:00-0000:00:04.0-nvme-nvme0n1-nvme0n1p16.device loaded active plugged Amazon Elastic Block Store BOOT
  sys-devices-pci0000:00-0000:00:04.0-nvme-nvme0n1.device           loaded active plugged Amazon Elastic Block Store
  sys-devices-pci0000:00-0000:00:05.0-net-ens5.device              loaded active plugged Elastic Network Adapter (ENA)
  sys-devices-platform-serial8250-serial8250:0-serial8250:0.1-tty-ttyS1.device loaded active plugged /sys/devices/platform/serial8250/serial8250:0/serial8250:0:>
  sys-devices-platform-serial8250-serial8250:0-serial8250:0.2-tty-ttyS2.device loaded active plugged /sys/devices/platform/serial8250/serial8250:0/serial8250:0:>
  sys-devices-platform-serial8250-serial8250:0-serial8250:0.3-tty-ttyS3.device loaded active plugged /sys/devices/platform/serial8250/serial8250:0/serial8250:0:>
  sys-devices-pnp0-00:04-00:04:0-00:04:0.0-tty-ttyS0.device        loaded active plugged /sys/devices/pnp0/00:04/00:04:0/00:04:0.0/tty/ttyS0
  sys-devices-virtual-block-loop0.device                           loaded active plugged /sys/devices/virtual/block/loop0
  sys-devices-virtual-block-loop1.device                           loaded active plugged /sys/devices/virtual/block/loop1
  sys-devices-virtual-block-loop2.device                           loaded active plugged /sys/devices/virtual/block/loop2
  sys-devices-virtual-misc-rfkill.device                           loaded active plugged /sys/devices/virtual/misc/rfkill
  sys-devices-virtual-tty-ttyprintk.device                         loaded active plugged /sys/devices/virtual/tty/ttyprintk
  sys-module-configfs.device                                       loaded active plugged /sys/module/configfs
  sys-module-fuse.device                                           loaded active plugged /sys/module/fuse
  sys-subsystem-net-devices-ens5.device                            loaded active plugged Elastic Network Adapter (ENA)                           >
  -.mount                                                          loaded active mounted Root Mount
  boot-efi.mount                                                   loaded active mounted /boot/efi
  boot.mount                                                       loaded active mounted /boot
  dev-hugepages.mount                                              loaded active mounted Huge Pages File System
  dev-mqueue.mount                                                 loaded active mounted POSIX Message Queue File System
  proc-sys-fs-binfmt_misc.mount                                    loaded active mounted Arbitrary Executable File Formats File System
  run-user-1000.mount                                             loaded active mounted /run/user/1000
  snap-amazon\x2dssm\x2dagent-11797.mount                          loaded active mounted Mount unit for amazon-ssm-agent, revision 11797
  snap-core22-2163.mount                                          loaded active mounted Mount unit for core22, revision 2163
  snap-snapd-25577.mount                                          loaded active mounted Mount unit for snapd, revision 25577
  sys-fs-fuse-connections.mount                                   loaded active mounted FUSE Control File System
```

journalctl -u nginx

```
ubuntu@ip-172-31-28-251:~$ journalctl -u nginx
Feb 17 16:52:28 ip-172-31-28-251 systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy server...
Feb 17 16:52:28 ip-172-31-28-251 systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.
ubuntu@ip-172-31-28-251:~$
```

Journalctl -u ssh | tail -n 5

```
    ssh [-Q query_option]
ubuntu@ip-172-31-28-251:~$ journalctl -u ssh | tail -n 5
Feb 17 16:47:28 ip-172-31-28-251 ec2-instance-connect[1190]: Querying EC2 Instance Connect keys for matching fingerprint: SHA256:PqXMD95ztIKjnVwiNCiJ4c1K4pwh3766
Gv3/WqTGOjo
Feb 17 16:47:28 ip-172-31-28-251 ec2-instance-connect[1222]: Providing ssh key from EC2 Instance Connect with fingerprint: SHA256:PqXMD95ztIKjnVwiNCiJ4c1K4pwh376
6Gv3/WqTGOjo, request-id: 0d13ccbf-3565-49a3-a0c1-53175c45a06f, for IAM principal: arn:aws:iam::794905322273:root
Feb 17 16:47:29 ip-172-31-28-251 ec2-instance-connect[1339]: Querying EC2 Instance Connect keys for matching fingerprint: SHA256:PqXMD95ztIKjnVwiNCiJ4c1K4pwh3766
Gv3/WqTGOjo
Feb 17 16:47:30 ip-172-31-28-251 sshd[1081]: Accepted publickey for ubuntu from 13.239.158.4 port 11246 ssh2: ED25519 SHA256:PqXMD95ztIKjnVwiNCiJ4c1K4pwh3766Gv3/
WqTGOjo
Feb 17 16:47:30 ip-172-31-28-251 sshd[1081]: pam_unix(sshd:session): session opened for user ubuntu(uid=1000) by ubuntu(uid=0)
ubuntu@ip-172-31-28-251:~$
```