

Experiment: 8

Observe and understand the process map of the previous two lab programs(Experiment 6 & 7) using pmap command.

→ Experiment 6

```
khushi@khushi-VirtualBox:~$ pmap 1075
1075:  /usr/bin/gnome-shell
0000019936300000 1024K rw--- [ anon ]
000002afcbf00000 1024K rw--- [ anon ]
000006c1d2900000 1024K rw--- [ anon ]
00000bb985300000 1024K rw--- [ anon ]
0000131969800000 1024K rw--- [ anon ]
000016551ce00000 1024K rw--- [ anon ]
0000183718c00000 1024K rw--- [ anon ]
000019d268400000 1024K rw--- [ anon ]
000020c883b00000 1024K rw--- [ anon ]
000034d7cf662000 64K ----- [ anon ]
000034d7cf672000 116K r-x-- [ anon ]
000034d7cf68f000 12K r-x-- [ anon ]
```

→CPU bound

```
khushi@khushi-VirtualBox:~$ pmap 2014
2014:  /usr/libexec/gnome-terminal-server
0000563a66130000 80K r---- gnome-terminal-server
0000563a6614a000 168K r-x-- gnome-terminal-server
0000563a66174000 92K r---- gnome-terminal-server
0000563a6618c000 16K r---- gnome-terminal-server
0000563a66190000 8K rw--- gnome-terminal-server
0000563a66235000 14628K rw--- [ anon ]
00007f1cd8000000 132K rw--- [ anon ]
00007f1cd8021000 65404K ----- [ anon ]
00007f1cdef68000 4660K rw-s- menfd:gtk-wayland (deleted)
00007f1cdf3f5000 328K r---- Ubuntu-B.ttf
00007f1cdf447000 328K r---- Ubuntu-B.ttf
00007f1cdf499000 348K r---- Ubuntu-R.ttf
00007f1cdf4f0000 348K r---- Ubuntu-R.ttf
```

→IO bound

```
khushi@khushi-VirtualBox:~$ pmap 1477
1477:  /usr/libexec/gvfs-afc-volume-monitor
000055961f03d000 28K r---- gvfs-afc-volume-monitor
000055961f044000 36K r-x-- gvfs-afc-volume-monitor
000055961f04d000 12K r---- gvfs-afc-volume-monitor
000055961f050000 16K r---- gvfs-afc-volume-monitor
000055961f054000 4K rw--- gvfs-afc-volume-monitor
000055961ffa4000 264K rw--- [ anon ]
00007f6630000000 132K rw--- [ anon ]
00007f6630021000 65404K ----- [ anon ]
00007f6630000000 132K rw--- [ anon ]
00007f6630021000 65404K ----- [ anon ]
00007f663c000000 132K rw--- [ anon ]
```