

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

→Experiment 6

```
sayeum@sayeum:~$ pmap 2731
2731:  ./a.out 1000 30
00005618d28a8000      4K r---- a.out
00005618d28a9000      4K r-x-- a.out
00005618d28aa000      4K r---- a.out
00005618d28ab000      4K r---- a.out
00005618d28ac000      4K rw--- a.out
00005618d3360000     132K rw--- [ anon ]
00007fcce0638000  1024016K rw--- [ anon ]
00007fcd1ee3c000     160K r---- libc.so.6
00007fcd1ee64000    1620K r-x-- libc.so.6
00007fcd1eff9000     352K r---- libc.so.6
00007fcd1f051000      16K r---- libc.so.6
00007fcd1f055000       8K rw--- libc.so.6
00007fcd1f057000     52K rw--- [ anon ]
00007fcd1f074000       8K rw--- [ anon ]
00007fcd1f076000       8K r---- ld-linux-x86-64.so.2
00007fcd1f078000     168K r-x-- ld-linux-x86-64.so.2
```

→CPU BOUND

```
sayeum@sayeum:~$ pmap 2861
2861:  ./a.out
000055c2cc6d7000      4K r---- a.out
000055c2cc6d8000      4K r-x-- a.out
000055c2cc6d9000      4K r---- a.out
000055c2cc6da000      4K r---- a.out
000055c2cc6db000      4K rw--- a.out
000055c2ce0a8000     132K rw--- [ anon ]
00007f22f00ca000      12K rw--- [ anon ]
00007f22f00cd000     160K r---- libc.so.6
00007f22f00f5000    1620K r-x-- libc.so.6
00007f22f028a000     352K r---- libc.so.6
00007f22f02e2000      16K r---- libc.so.6
00007f22f02e6000       8K rw--- libc.so.6
00007f22f02e8000     52K rw--- [ anon ]
00007f22f0305000       8K rw--- [ anon ]
00007f22f0307000       8K r---- ld-linux-x86-64.so.2
00007f22f0309000    168K r-x-- ld-linux-x86-64.so.2
```

→IO BOUND

```
sayeum@sayeum:~$ pmap 2993
2993:  ./a.out
000055a652712000      4K r---- a.out
000055a652713000      4K r-x-- a.out
000055a652714000      4K r---- a.out
000055a652715000      4K r---- a.out
000055a652716000      4K rw--- a.out
000055a653db8000     132K rw--- [ anon ]
00007f85dd9fb000      12K rw--- [ anon ]
00007f85dd9fe000     160K r---- libc.so.6
00007f85dda26000    1620K r-x-- libc.so.6
00007f85ddb000     352K r---- libc.so.6
00007f85ddc13000      16K r---- libc.so.6
00007f85ddc17000       8K rw--- libc.so.6
00007f85ddc19000     52K rw--- [ anon ]
00007f85ddc36000       8K rw--- [ anon ]
```