Lab4

```
top - 09:05:26 up 32 min,  1 user,  load average: 1.09, 0.39, 0.28
Tasks:  56 total,   3 running,  53 sleeping,   0 stopped,   0 zombie
%Cpu(s): 49.4 us,  2.2 sy,  0.0 ni, 44.5 id,  0.1 wa,  0.0 hi,  3.8 si,  0.0 st
MiB Mem :   3880.9 total,   1765.4 free,   1377.1 used,    738.3 buff/cache
MiB Swap:   1024.0 total,   1024.0 free,      0.0 used.   2244.5 avail Mem

    PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
  12557 hanami    20   0   27364  25792   1104 R 100.0   0.6   0:28.80 mp
  12561 hanami    20   0   27364  24756     68 R 100.0   0.6   0:28.69 mp
    471 hanami    20   0   21.5g 321628  53008 S   3.0   8.1   2:52.19 node
      1 root      20   0  165868  11148   8108 S   2.0   0.3   0:51.27 systemd
```

```
hanami@Hanami:~$ pstree
systemd─┬─2*[agetty]
        ├─cron
        ├─dbus-daemon
        ├─init-systemd(Ub─┬─SessionLeader───Relay(375)─┬─2*[cpptools-srv───7*[{cpptools-srv}]]
        │                 │                             └─sh───sh───sh───node─┬─node─┬─bash───mp───mp
        │                 │                                                   │      ├─bash
        │                 │                                                   │      ├─bash───pstree
        │                 │                                                   │      ├─sh───cpuUsage.sh───sleep
        │                 │                                                   │      └─13*[{node}]
        │                 │                                                   ├─node───12*[{node}]
        │                 │                                                   ├─node─┬─cpptools───13*[{cpptools}]
        │                 │                                                   │      ├─node───6*[{node}]
        │                 │                                                   │      ├─node───10*[{node}]
        │                 │                                                   │      ├─node───7*[{node}]
        │                 │                                                   │      ├─pet
        │                 │                                                   │      └─11*[{node}]
        │                 │                                                   └─10*[{node}]
        │                 ├─SessionLeader───Relay(408)───node───6*[{node}]
        │                 ├─SessionLeader───Relay(425)───node───6*[{node}]
        │                 ├─init───{init}
        │                 ├─login───bash
        │                 └─{init-systemd(Ub}
```

	time
real	2.361s
user	2.334s
sys	0.021s
(user+sys)/real	99.75%