1.
   (a) Terminal output:

uname -a:
Linux osboxes 5.15.0-25-generic #25-Ubuntu SMP Wed Mar 30 15:54:22 UTC 2022 x86_64 x86_64 x86_64 GNU/Linux

ps -al:
```
F S   UID      PID    PPID  C PRI  NI ADDR SZ WCHAN  TTY           TIME CMD
0 S  1000      1454   1446  0  80   0 - 57921 do_pol tty2    00:00:00 gnome-sess
4 R  1000      3244   2101  0  80   0 -  5331 -        pts/0    00:00:00 ps
```

cat /proc/meminfo:
```
MemTotal:       4019508 kB
MemFree:        1113832 kB
MemAvailable:2240040 kB
Buffers:          39704 kB
Cached:         1322940 kB
SwapCached:           0 kB
Active:          354736 kB
Inactive:       2259400 kB
Active(anon):      2568 kB
Inactive(anon):  1314140 kB
Active(file):    352168 kB
Inactive(file):  945260 kB
Unevictable:          0 kB
Mlocked:              0 kB
SwapTotal:      9374716 kB
SwapFree:       9374716 kB
Dirty:             36 kB
Writeback:            0 kB
AnonPages:      1251496 kB
Mapped:          502500 kB
Shmem:            65216 kB
KReclaimable:     62652 kB
Slab:            134780 kB
SReclaimable:     62652 kB
SUnreclaim:       72128 kB
KernelStack:    11280 kB
PageTables:       22604 kB
NFS_Unstable:       0 kB
Bounce:             0 kB
WritebackTmp:       0 kB
CommitLimit:  11384468 kB
```

Committed_AS: 5353688 kB
VmallocTotal: 34359738367 kB
VmallocUsed: 43300 kB
VmallocChunk: 0 kB
Percpu: 3824 kB
HardwareCorrupted: 0 kB
AnonHugePages: 0 kB
ShmemHugePages: 0 kB
ShmemPmdMapped: 0 kB
FileHugePages: 0 kB
FilePmdMapped: 0 kB
HugePages_Total: 0
HugePages_Free: 0
HugePages_Rsvd: 0
HugePages_Surp: 0
Hugepagesize: 2048 kB
Hugetlb: 0 kB
DirectMap4k: 186304 kB
DirectMap2M: 4007936 kB

cat /proc/cpuinfo:
MemTotal: 4019508 kB
MemFree: 1113832 kB
MemAvailable:2240040 kB
Buffers: 39704 kB
Cached: 1322940 kB
SwapCached: 0 kB
Active: 354736 kB
Inactive: 2259400 kB
Active(anon):   2568 kB
Inactive(anon): 1314140 kB
Active(file):   352168 kB
Inactive(file): 945260 kB
Unevictable: 0 kB
Mlocked: 0 kB
SwapTotal: 9374716 kB
SwapFree: 9374716 kB
Dirty: 36 kB
Writeback: 0 kB
AnonPages: 1251496 kB
Mapped: 502500 kB
Shmem: 65216 kB
KReclaimable: 62652 kB
Slab: 134780 kB

SReclaimable: 62652 kB
SUnreclaim: 72128 kB
KernelStack: 11280 kB
PageTables: 22604 kB
NFS_Unstable: 0 kB
Bounce: 0 kB
WritebackTmp: 0 kB
CommitLimit: 11384468 kB
Committed_AS: 5353688 kB
VmallocTotal: 34359738367 kB
VmallocUsed: 43300 kB
VmallocChunk: 0 kB
Percpu: 3824 kB
HardwareCorrupted: 0 kB
AnonHugePages: 0 kB
ShmemHugePages: 0 kB
ShmemPmdMapped: 0 kB
FileHugePages: 0 kB
FilePmdMapped: 0 kB
HugePages_Total: 0
HugePages_Free: 0
HugePages_Rsvd: 0
HugePages_Surp: 0
Hugepagesize: 2048 kB
Hugetlb: 0 kB
DirectMap4k: 186304 kB
DirectMap2M: 4007936 kB

    (b) Definitions:
uname - Outputs information about the current system. Information can include kernel name, hardware name, kernel version, processor type, and operating system.
ps - Outputs a snapshot of current running processes. The process list can be filtered in a myriad of ways including for specific users or PIDs, and can be output in either a full or JSON format.

2.

    (b) Terminal output:

On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean