ASSIGNMENT- 1

COMMANDS

```
*cat /proc/cpuinfo*
```

OUTPUT

```
processor       : 0
vendor_id       : GenuineIntel
cpu family      : 6
model           : 126
model name      : Intel(R) Core(TM) i5-1035G1 CPU @ 1.00GHz
stepping        : 5
cpu MHz         : 1190.400
cache size      : 6144 KB
physical id     : 0
siblings        : 4
core id         : 0
cpu cores       : 4
apicid          : 0
initial apicid  : 0
fpu             : yes
fpu_exception   : yes
cpuid level     : 22
wp              : yes
flags           : fpu vme de pse tsc msr pae mce cx8 apic se
n_freq pni pclmulqdq ssse3 cx16 pcid sse4_1 sse4_2 x2apic mo
arch_capabilities
bugs            : spectre_v1 spectre_v2 spec_store_bypass sw
bogomips        : 2380.80
clflush size    : 64
cache_alignment : 64
address sizes   : 39 bits physical, 48 bits virtual
power management:
```

```
cat /proc/meminfo
```

OUTPUT

```
MemTotal:        2187912 kB
MemFree:           91916 kB
MemAvailable:     650072 kB
Buffers:           25552 kB
Cached:           741548 kB
SwapCached:         8012 kB
Active:           655544 kB
Inactive:        1246892 kB
Active(anon):     253940 kB
Inactive(anon):   981592 kB
Active(file):     401604 kB
Inactive(file):   265300 kB
Unevictable:          16 kB
Mlocked:              16 kB
SwapTotal:        459260 kB
SwapFree:          96520 kB
Dirty:                32 kB
Writeback:             0 kB
AnonPages:       1127300 kB
Mapped:           385144 kB
Shmem:            100196 kB
KReclaimable:      46776 kB
Slab:             111056 kB
SReclaimable:      46776 kB
SUnreclaim:        64280 kB
```

```
cat /proc/ioports
```

OUTPUT

```
0000-0000 : PCI Bus 0000:00
  0000-0000 : dma1
  0000-0000 : pic1
  0000-0000 : timer0
  0000-0000 : timer1
  0000-0000 : keyboard
  0000-0000 : keyboard
  0000-0000 : rtc_cmos
    0000-0000 : rtc0
  0000-0000 : dma page reg
  0000-0000 : pic2
  0000-0000 : dma2
  0000-0000 : fpu
  0000-0000 : 0000:00:01.1
    0000-0000 : ata_piix
  0000-0000 : 0000:00:01.1
    0000-0000 : ata_piix
  0000-0000 : 0000:00:01.1
    0000-0000 : ata_piix
  0000-0000 : vga+
  0000-0000 : 0000:00:01.1
    0000-0000 : ata_piix
```

```
lsb_release -a
```

OUTPUT

```
No LSB modules are available.
Distributor ID: Ubuntu
Description:    Ubuntu 20.04.1 LTS
Release:        20.04
Codename:       focal
```