lab2.md 2025-09-02

Lab 2 Submission

Virtual Machine settings

```
\oplus
                                                                \equiv
                               rap@cis106: ~
                                                            Q
                                                                     ×
rap@cis106:~$ cpufetch 2> /dev/null
         ·##############
           ,############
                                  Name:
                                              AMD Ryzen 5 3550H with Rade
                                             KVM
                   .####
                                  Hypervisor:
            #.
                   .####
                                  uArch:
                                              Zen+
          :##.
                  .####
                                  Technology:
                                              12nm
         :###.
                   .####
                                  Max Freq:
                                              Unknown
         ####### : :##
                                  Cores:
                                              2 cores
         ######.
                                  AVX:
                                              AVX.AVX2
                                  FMA:
                                              FMA3
   ###
         ###
               ### ######
                                  Lli Size:
                                             64KB (128KB Total)
         ##### ##### ## L1d Size:
  ## ##
                                             32KB (64KB Total)
 ## ## ### ####
                      ##
                             ## L2 Size:
                                             512KB (1MB Total)
                      ##
######## ### ###
                             ## L3 Size:
                                              4MB
                  ### ## Peak Perf.: Unknown
##
     ## ###
##
       ## ###
                  ### #######
rap@cis106:~$
```

```
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                                     rap@cis106: ~
                                                                        Q
                                                                                   ×
rap@cis106:~$ curl -s https://cis106.com/assets/scripts/lab2 system info.sh | ba
Basic System Information
HST:
      cis106
USR:
        rap
WSY:
        wayland
        6.12.41+deb13-amd64
KRN:
DST:
        cisl06
        3.8Gi
RAM:
CPU:
        47G
DSK:
rap@cis106:~$
```