lab2..md 2025-09-27

## Lab 2 Submission

## Virtual Machine settings

```
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                                       rap@cis106: ~
                                                                           Q
                                                                                \equiv
                                                                                       ×
rap@cis106:~$ cpufetch 2> /dev/null
                     . #########################
                                                     Name:
                                                                    Intel(R) Core(TM)
               .####
                                          ####.
                                                     Hypervisor:
                                                                    KVM
           .##
                                              ###
                                                     uArch:
                                                                    Unknown
       ##
                                               ###
                                                     Technology:
                                                                    Unknown
                                       :##
                       ##
                                       :##
                                                ##
                                                     Max Freq:
                                                                    Unknown
  ##
       ##
            ######.
                       ####
                             ######
                                       :##
                                                ##
                                                     Cores:
                                                                    2 cores
                                                                    AVX, AVX2
 ##
       ##
                       ##
                            ##
                                               ###
                                                     AVX:
                 ##:
                                  ### :##
##
                                                     FMA:
       ##
                 ##:
                       ##
                            :#######
                                                                    FMA3
                                                     Lli Size:
##
            ##:
                 ##:
                       ##
                            ##.
                                       :## ####
                                                                    64KB (128KB Total)
##
                                                     L1d Size:
            ##:
                 ##:
                       ####
                             ####:
                                                                    48KB (96KB Total)
                                       ##
 ##
                                                     L2 Size:
                                                                    2.5MB (5MB Total)
                                                     L3 Size:
  ###.
                                  ..o####.
                                                                    12MB (24MB Total)
                                                     Peak Perf.:
   #####oo...
                                                                    Unknown
                         ..00#######
           0#########
rap@cis106:~$
```

rap@cis106:~\$ curl -s https://cis106.com/assets/scripts/lab2\_system\_info.sh | bash
Basic System Information

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HST: cis106 USR: rap WSY: wayland

KRN: 6.12.48+deb13-amd64

DST: cis106
RAM: 3.8Gi
CPU: 2
DSK: 38G
rap@cis106:~\$