```
ø
                                  aswin@ubuntu: ~
                                              : Ubuntu 23.04 x86_64
                         dmmmny
                                                : HP Pavilion Notebook
               hdmmNNmmyNMMMMh
                                                   : 6.2.0-35-generic
               rdMMMMMMMddddy:
                                                   : 25 mins
                 hyyyyhmNMMMNh:
                                                     : 2000 (dpkg), 13 (snap)
         dmmmnh:
                                                 : bash 5.2.15
     hhhynmmy
                           yNMMMy
                                                       : 1920x1080
   ynmmmnymmh
                            hmmmh:
                                              : GNOME 44.3
   yNMMMNyMMh:
                                              1: Mutter
                                                     : Adwaita
     hhhynmmny
                           yNMMMy
                                                 : Yaru-olive-dark [GTK2/3]
         dmmmnh
                          hnmmmd:
                 hyyyyhdnmmnhs
                                             cons: Papirus-Light [GTK2/3]
          HNMMM
            dmydMMMMMMMddddys
                                                     : gnome-terminal
                                             CPU: Intel i5-5200U (4) @ 2.700GHz
               hdmNNNNmyNMMMh
                                             GPU: NVIDIA GeForce 940M
                         dMMMNy
                                             GPU: Intel HD Graphics 5500
                         ууу
                                                  y: 3260MiB / 15913MiB
aswin@ubuntu:~$
```

Single Processor with values, 10⁴, 10⁵, 10⁶ anfd 10⁷

```
aswin@ubuntu: ~/Desktop/F23/PDC/hw3/hw3_prime_template Q : - © ×

aswin@ubuntu: ~/Desktop/F23/PDC/hw3/hw3_prime_template$ ./prime_finder.bin s 10000

Sequential
0.00122229 [s]
aswin@ubuntu: ~/Desktop/F23/PDC/hw3/hw3_prime_template$ ./prime_finder.bin s 1000000

Sequential
0.02462948 [s]
aswin@ubuntu: ~/Desktop/F23/PDC/hw3/hw3_prime_template$ ./prime_finder.bin s 10000000

Sequential
0.47450982 [s]
aswin@ubuntu: ~/Desktop/F23/PDC/hw3/hw3_prime_template$ ./prime_finder.bin s 100000000

Sequential
11.46622954 [s]
aswin@ubuntu: ~/Desktop/F23/PDC/hw3/hw3_prime_template$ [
```

1 Thread with values , 10⁴, 10⁵, 10⁶ anfd 10⁷

2 Threads with values, 10⁴, 10⁵, 10⁶ anfd 10⁷

4 Threads with values, 10⁴, 10⁵, 10⁶ anfd 10⁷

```
aswin@ubuntu: ~/Desktop/F23/PDC/hw3/hw3_prime_template$ ./prime_finder.bin m 4 10000
Parallel
0.00214362 [s]
aswin@ubuntu: ~/Desktop/F23/PDC/hw3/hw3_prime_template$ ./prime_finder.bin m 4 100000
Parallel
0.01891320 [s]
aswin@ubuntu: ~/Desktop/F23/PDC/hw3/hw3_prime_template$ ./prime_finder.bin m 4 1000000
Parallel
0.27183303 [s]
aswin@ubuntu: ~/Desktop/F23/PDC/hw3/hw3_prime_template$ ./prime_finder.bin m 4 10000000
Parallel
0.2718349141 [s]
aswin@ubuntu: ~/Desktop/F23/PDC/hw3/hw3_prime_template$ ./prime_finder.bin m 4 100000000
Parallel
6.03149141 [s]
aswin@ubuntu: ~/Desktop/F23/PDC/hw3/hw3_prime_template$ ...
```

6 Threads with values, 10⁴, 10⁵, 10⁶ anfd 10⁷

8 Threads with values 10⁴, 10⁵, 10⁶ anfd 10⁷