nirmala@ASUSVivobook: ~

```
nirmala@ASUSVivobook:~$ ping google.com
PING google.com (142.250.206.46) 56(84) bytes of data.
64 bytes from pnmaaa-bf-in-f14.1e100.net (142.250.206.46): icmp_seq=1 ttl=255 time=89.2 ms
64 bytes from pnmaaa-bf-in-f14.1e100.net (142.250.206.46): icmp_seq=2 ttl=255 time=101 ms
64 bytes from pnmaaa-bf-in-f14.1e100.net (142.250.206.46): icmp_seq=3 ttl=255 time=77.6 ms
64 bytes from pnmaaa-bf-in-f14.1e100.net (142.250.206.46): icmp_seq=4 ttl=255 time=31.9 ms
64 bytes from pnmaaa-bf-in-f14.1e100.net (142.250.206.46): icmp_seq=5 ttl=255 time=94.1 ms
64 bytes from pnmaaa-bf-in-f14.1e100.net (142.250.206.46): icmp_seq=6 ttl=255 time=81.0 ms
64 bytes from pnmaaa-bf-in-f14.1e100.net (142.250.206.46): icmp_seq=7 ttl=255 time=90.0 ms
64 bytes from pnmaaa-bf-in-f14.1e100.net (142.250.206.46): icmp_seq=8 ttl=255 time=97.4 ms
64 bytes from pnmaaa-bf-in-f14.1e100.net (142.250.206.46): icmp_seq=9 ttl=255 time=93.1 ms
64 bytes from pnmaaa-bf-in-f14.1e100.net (142.250.206.46): icmp_seq=10 ttl=255 time=80.3 ms
64 bytes from pnmaaa-bf-in-f14.1e100.net (142.250.206.46): icmp_seq=11 ttl=255 time=79.9 ms
64 bytes from pnmaaa-bf-in-f14.1e100.net (142.250.206.46): icmp_seq=12 ttl=255 time=211 ms
64 bytes from pnmaaa-bf-in-f14.1e100.net (142.250.206.46): icmp_seq=13 ttl=255 time=99.6 ms
64 bytes from pnmaaa-bf-in-f14.1e100.net (142.250.206.46): icmp_seq=14 ttl=255 time=99.8 ms
^C
--- google.com ping statistics ---
14 packets transmitted, 14 received, 0% packet loss, time 18357ms
rtt min/avg/max/mdev = 31.924/94.754/211.357/36.462 ms
```

```
nirmala@ASUSVivobook:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
       valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:b7:26:8f brd ff:ff:ff:ff:ff:ff
    inet 10.0.2.15/24 brd 10.0.2.255 scope global dynamic noprefixroute enp0s3
       valid_lft 86166sec preferred_lft 86166sec
    inet6 fd17:625c:f037:2:baa9:ac45:9228:4eb9/64 scope global temporary dynamic
       valid_lft 86168sec preferred_lft 14168sec
    inet6 fd17:625c:f037:2:a00:27ff:feb7:268f/64 scope global dynamic mngtmpaddr
       valid_lft 86168sec preferred_lft 14168sec
    inet6 fe80::a00:27ff:feb7:268f/64 scope link
       valid_lft forever preferred_lft forever
3: docker0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN group default
    link/ether d2:f2:83:22:ee:f0 brd ff:ff:ff:ff:ff:ff
    inet 172.17.0.1/16 brd 172.17.255.255 scope global docker0
       valid_lft forever preferred_lft forever
nirmala@ASUSVivobook:~$
```

```
nirmala@ASUSVivobook: ~

nirmala@ASUSVivobook:~$ ping google.com
PING google.com (2404:6800:4009:813::200e) 56 data bytes
^C
--- google.com ping statistics ---
49 packets transmitted, 0 received, 100% packet loss, time 51235ms

nirmala@ASUSVivobook:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
       valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:b7:26:8f brd ff:ff:ff:ff:ff:ff
    inet 10.130.59.155/24 brd 10.130.59.255 scope global dynamic noprefixroute enp0s3
       valid_lft 3488sec preferred_lft 3488sec
    inet6 2401:4900:9509:e13:d551:2319:8d75:ef74/64 scope global temporary dynamic
       valid_lft 7091sec preferred_lft 7091sec
    inet6 2401:4900:9509:e13:a00:27ff:feb7:268f/64 scope global dynamic mngtmpaddr
       valid_lft 7091sec preferred_lft 7091sec
    inet6 fe80::a00:27ff:feb7:268f/64 scope link
       valid_lft forever preferred_lft forever
3: docker0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN group default
    link/ether 4a:9b:a8:f8:4c:75 brd ff:ff:ff:ff:ff:ff
    inet 172.17.0.1/16 brd 172.17.255.255 scope global docker0
       valid_lft forever preferred_lft forever
nirmala@ASUSVivobook:~$
```

```
nirmala@ASUSVivobook:~$ ping google.com
ping: google.com: Temporary failure in name resolution
nirmala@ASUSVivobook:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
       valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:b7:26:8f brd ff:ff:ff:ff:ff:ff
    inet 192.168.56.101/24 brd 192.168.56.255 scope global dynamic noprefixroute enp0s3
       valid_lft 598sec preferred_lft 598sec
    inet6 fe80::a00:27ff:feb7:268f/64 scope link
       valid_lft forever preferred_lft forever
3: docker0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN group default
    link/ether 4a:9b:a8:f8:4c:75 brd ff:ff:ff:ff:ff:ff
    inet 172.17.0.1/16 brd 172.17.255.255 scope global docker0
       valid_lft forever preferred_lft forever
nirmala@ASUSVivobook:~$
```

```
sysbench 1.0.20 (using system LuaJIT 2.1.0-beta3)

Running the test with following options:
Number of threads: 1
Initializing random number generator from current time


Prime numbers limit: 10000

Initializing worker threads...

Threads started!

CPU speed:
    events per second:  2203.20

General statistics:
    total time:                          10.0005s
    total number of events:              22037

Latency (ms):
         min:                                  0.34
         avg:                                  0.45
         max:                                  6.04
         95th percentile:                      0.62
         sum:                               9987.99

Threads fairness:
    events (avg/stddev):           22037.0000/0.00
    execution time (avg/stddev):   9.9880/0.00

nirmala@ASUSVivobook:~$
```

```
sysbench 1.0.20 (using system LuaJIT 2.1.0-beta3)

Running the test with following options:
Number of threads: 1
Initializing random number generator from current time


Prime numbers limit: 10000

Initializing worker threads...

Threads started!

CPU speed:
    events per second:   1864.04

General statistics:
    total time:                          10.0005s
    total number of events:              18647

Latency (ms):
         min:                                    0.44
         avg:                                    0.54
         max:                                   10.22
         95th percentile:                        0.81
         sum:                                 9978.53

Threads fairness:
    events (avg/stddev):           18647.0000/0.00
    execution time (avg/stddev):   9.9785/0.00

nirmala@ASUSVivobook:~$
```

```
nirmala@ASUSVivobook:~$ stress-ng --cpu 4 --timeout 30s
stress-ng: info:  [9201] setting to a 30 secs run per stressor
stress-ng: info:  [9201] dispatching hogs: 4 cpu

^Cstress-ng: info:  [9201] skipped: 0
stress-ng: info:  [9201] passed: 4: cpu (4)
stress-ng: info:  [9201] failed: 0
stress-ng: info:  [9201] metrics untrustworthy: 0
stress-ng: info:  [9201] successful run completed in 18.98 secs
```

```
nirmala@ASUSVivobook:~$ stress-ng --cpu 4 --timeout 30s
stress-ng: info:  [3949] setting to a 30 secs run per stressor
stress-ng: info:  [3949] dispatching hogs: 4 cpu
^Cstress-ng: info:  [3949] skipped: 0
stress-ng: info:  [3949] passed: 4: cpu (4)
stress-ng: info:  [3949] failed: 0
stress-ng: info:  [3949] metrics untrustworthy: 0
stress-ng: info:  [3949] successful run completed in 13.94 secs
nirmala@ASUSVivobook:~$
```

```
Running memory speed test with the following options:
  block size: 1KiB
  total size: 102400MiB
  operation: write
  scope: global

Initializing worker threads...

Threads started!

Total operations: 49582156 (4957024.49 per second)

48420.07 MiB transferred (4840.84 MiB/sec)


General statistics:
    total time:                     10.0005s
    total number of events:         49582156

Latency (ms):
        min:                              0.00
        avg:                              0.00
        max:                              3.52
        95th percentile:                  0.00
        sum:                           4077.37

Threads fairness:
    events (avg/stddev):         49582156.0000/0.00
    execution time (avg/stddev): 4.0774/0.00

nirmala@ASUSVivobook:~$
```

nirmala@ASUSVivobook: ~

```
Running memory speed test with the following options:
  block size: 1KiB
  total size: 102400MiB
  operation: write
  scope: global

Initializing worker threads...

Threads started!

Total operations: 48141743 (4813232.55 per second)

47013.42 MiB transferred (4700.42 MiB/sec)


General statistics:
    total time:                        10.0003s
    total number of events:            48141743

Latency (ms):
        min:                              0.00
        avg:                              0.00
        max:                              4.70
        95th percentile:                  0.00
        sum:                           4096.87

Threads fairness:
    events (avg/stddev):           48141743.0000/0.00
    execution time (avg/stddev):   4.0969/0.00

nirmala@ASUSVivobook: $
```

```
nirmala@ASUSVivobook:~$ fio --name=seqwrite --size=200M --filename=testfile --bs=1M --rw=write
seqwrite: (g=0): rw=write, bs=(R) 1024KiB-1024KiB, (W) 1024KiB-1024KiB, (T) 1024KiB-1024KiB, ioengine=psync, iodepth=1
fio-3.36
Starting 1 process
seqwrite: Laying out IO file (1 file / 200MiB)

seqwrite: (groupid=0, jobs=1): err= 0: pid=6569: Mon Dec  8 21:15:27 2025
  write: IOPS=2500, BW=2500MiB/s (2621MB/s)(200MiB/80msec); 0 zone resets
    clat (usec): min=276, max=704, avg=371.11, stdev=57.70
     lat (usec): min=287, max=717, avg=386.92, stdev=59.75
    clat percentiles (usec):
     |  1.00th=[  285],  5.00th=[  302], 10.00th=[  314], 20.00th=[  334],
     | 30.00th=[  351], 40.00th=[  359], 50.00th=[  363], 60.00th=[  371],
     | 70.00th=[  379], 80.00th=[  392], 90.00th=[  420], 95.00th=[  465],
     | 99.00th=[  644], 99.50th=[  668], 99.90th=[  709], 99.95th=[  709],
     | 99.99th=[  709]
   lat (usec)   : 500=97.00%, 750=3.00%
  cpu          : usr=3.80%, sys=0.00%, ctx=1, majf=0, minf=12
  IO depths    : 1=100.0%, 2=0.0%, 4=0.0%, 8=0.0%, 16=0.0%, 32=0.0%, >=64=0.0%
     submit    : 0=0.0%, 4=100.0%, 8=0.0%, 16=0.0%, 32=0.0%, 64=0.0%, >=64=0.0%
     complete  : 0=0.0%, 4=100.0%, 8=0.0%, 16=0.0%, 32=0.0%, 64=0.0%, >=64=0.0%
     issued rwts: total=0,200,0,0 short=0,0,0,0 dropped=0,0,0,0
     latency   : target=0, window=0, percentile=100.00%, depth=1

Run status group 0 (all jobs):
  WRITE: bw=2500MiB/s (2621MB/s), 2500MiB/s-2500MiB/s (2621MB/s-2621MB/s), io=200MiB (210MB), run=80-80msec

Disk stats (read/write):
  sda: ios=0/0, sectors=0/0, merge=0/0, ticks=0/0, in_queue=0, util=0.00%
nirmala@ASUSVivobook:~$
```

```
nirmala@ASUSVivobook:~$ fio --name=seqwrite --size=200M --filename=testfile --bs=1M --rw=write
seqwrite: (g=0): rw=write, bs=(R) 1024KiB-1024KiB, (W) 1024KiB-1024KiB, (T) 1024KiB-1024KiB, ioengine=psync, iodepth=1
fio-3.36
Starting 1 process

seqwrite: (groupid=0, jobs=1): err= 0: pid=9544: Mon Dec  8 21:11:36 2025
  write: IOPS=1379, BW=1379MiB/s (1446MB/s)(200MiB/145msec); 0 zone resets
    clat (usec): min=314, max=3271, avg=551.82, stdev=279.03
     lat (usec): min=330, max=3288, avg=571.03, stdev=278.56
    clat percentiles (usec):
     |  1.00th=[  318],  5.00th=[  347], 10.00th=[  359], 20.00th=[  383],
     | 30.00th=[  424], 40.00th=[  465], 50.00th=[  502], 60.00th=[  529],
     | 70.00th=[  586], 80.00th=[  660], 90.00th=[  742], 95.00th=[  799],
     | 99.00th=[ 1663], 99.50th=[ 1958], 99.90th=[ 3261], 99.95th=[ 3261],
     | 99.99th=[ 3261]
  lat (usec)   : 500=49.50%, 750=40.50%, 1000=7.50%
  lat (msec)   : 2=2.00%, 4=0.50%
  cpu          : usr=2.08%, sys=96.53%, ctx=5, majf=0, minf=11
  IO depths    : 1=100.0%, 2=0.0%, 4=0.0%, 8=0.0%, 16=0.0%, 32=0.0%, >=64=0.0%
     submit    : 0=0.0%, 4=100.0%, 8=0.0%, 16=0.0%, 32=0.0%, 64=0.0%, >=64=0.0%
     complete  : 0=0.0%, 4=100.0%, 8=0.0%, 16=0.0%, 32=0.0%, 64=0.0%, >=64=0.0%
     issued rwts: total=0,200,0,0 short=0,0,0,0 dropped=0,0,0,0
     latency   : target=0, window=0, percentile=100.00%, depth=1

Run status group 0 (all jobs):
  WRITE: bw=1379MiB/s (1446MB/s), 1379MiB/s-1379MiB/s (1446MB/s-1446MB/s), io=200MiB (210MB), run=145-145msec

Disk stats (read/write):
  sda: ios=0/0, sectors=0/0, merge=0/0, ticks=0/0, in_queue=0, util=0.00%
nirmala@ASUSVivobook:~$
```