

Experiment No:-5

Aim:- Monitoring System with HTOP and Netstate.

Commads:-

Sudo apt Update:-

```
student@DESKTOP-J4JEKOF:/mnt/c/Users/Student$ sudo apt update
[sudo] password for student:
Hit:1 http://archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:3 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:4 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:5 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [1124 kB]
Get:6 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [1415 kB]
Get:7 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [192 kB]
Get:8 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [21.6 kB]
Get:9 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [52.2 kB]
Get:10 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [175 kB]
Get:11 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [1770 kB]
Get:12 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 c-n-f Metadata [15.2 kB]
Get:13 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [1484 kB]
Get:14 http://archive.ubuntu.com/ubuntu noble-updates/universe Translation-en [299 kB]
Get:15 http://security.ubuntu.com/ubuntu noble-security/restricted Translation-en [396 kB]
Get:16 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]
Get:17 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [378 kB]
Get:18 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 c-n-f Metadata [496 B]
Get:19 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Packages [33.1 kB]
Get:20 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 c-n-f Metadata [31.1 kB]
Get:21 http://security.ubuntu.com/ubuntu noble-security/multiverse Translation-en [5768 B]
Get:22 http://archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [1901 kB]
Get:23 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [212 B]
Get:24 http://archive.ubuntu.com/ubuntu noble-security/multiverse amd64 c-n-f Metadata [452 B]
Get:25 http://archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [426 kB]
Get:26 http://archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
Get:27 http://archive.ubuntu.com/ubuntu noble-updates/restricted amd64 c-n-f Metadata [544 B]
Get:28 http://archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Packages [32.0 kB]
Get:29 http://archive.ubuntu.com/ubuntu noble-updates/multiverse Translation-en [5500 B]
Get:30 http://archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:31 http://archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [19.2 kB]
Get:32 http://archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [216 B]
Get:33 http://archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [7072 B]
Get:34 http://archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Get:35 http://archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Fetched 10.2 MB in 1ss (662 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
31 packages can be upgraded. Run 'apt list --upgradable' to see them.
```

Sudo apt install htop:-

```
student@DESKTOP-J4JEKOF:/mnt/c/Users/Student$ sudo apt install htop
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libnl-3-200 libnl-genl-3-200
Suggested packages:
  lm-sensors strace
The following NEW packages will be installed:
  htop libnl-3-200 libnl-genl-3-200
0 upgraded, 3 newly installed, 0 to remove and 31 not upgraded.
Need to get 238 kB of archives.
After this operation, 665 kB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 libnl-3-200 amd64 3.7.0-0.3build1.1 [55.7 kB]
Get:2 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 libnl-genl-3-200 amd64 3.7.0-0.3build1.1 [12.2 kB]
Get:3 http://archive.ubuntu.com/ubuntu noble/main amd64 htop amd64 3.3.0-4build1 [171 kB]
Fetched 238 kB in 9s (27.0 kB/s)
Selecting previously unselected package libnl-3-200:amd64.
(Reading database ... 40754 files and directories currently installed.)
Preparing to unpack .../libnl-3-200_3.7.0-0.3build1.1_amd64.deb ...
Unpacking libnl-3-200:amd64 (3.7.0-0.3build1.1) ...
Selecting previously unselected package libnl-genl-3-200:amd64.
Preparing to unpack .../libnl-genl-3-200_3.7.0-0.3build1.1_amd64.deb ...
Unpacking libnl-genl-3-200:amd64 (3.7.0-0.3build1.1) ...
Selecting previously unselected package htop.
Preparing to unpack .../htop_3.3.0-4build1_amd64.deb ...
Unpacking htop (3.3.0-4build1) ...
Setting up libnl-3-200:amd64 (3.7.0-0.3build1.1) ...
Setting up libnl-genl-3-200:amd64 (3.7.0-0.3build1.1) ...
Setting up htop (3.3.0-4build1) ...
Processing triggers for man-db (2.12.0-4build2) ...
Processing triggers for hicolor-icon-theme (0.17-2) ...
Processing triggers for libc-bin (2.39-0ubuntu8.5) ...
student@DESKTOP-J4JEKOF:/mnt/c/Users/Student$
```

Run HTOP:-

```
student@DESKTOP-J4JEKOF:/mnt/c/Users/Student
[1] 0% CPU [2] 0% CPU [3] 0% CPU [4] 0% CPU [5] 0% CPU [6] 0% CPU [7] 0% CPU [8] 0% CPU [9] 0% CPU [10] 0% CPU [11] 0% CPU
Mem[|||||] Swap[|||||]
Main [ F10 ] PID USER PRI NI VIRT RES SHR S CPU% MEM% TIME+ Command
1 root 20 0 21700 12152 9080 S 0.0 0.3 0:00:54 /sbin/init
2 root 20 0 3072 1792 1792 S 0.0 0.0 0:00:00 /init
3 root 20 0 3072 1792 1792 S 0.0 0.0 0:00:00 plan9 --control-socket 7 --log-level 4 --server-fd 8 --pipe-fd 10 --log-truncate
4 root 20 0 3072 1792 1792 S 0.0 0.0 0:00:00 plan9 --control-socket 7 --log-level 4 --server-fd 8 --pipe-fd 10 --log-truncate
5 root 20 0 3072 1792 1792 S 0.0 0.0 0:00:00 plan9 --control-socket 7 --log-level 4 --server-fd 8 --pipe-fd 10 --log-truncate
6 root 20 0 3072 1792 1792 S 0.0 0.0 0:00:00 plan9 --control-socket 7 --log-level 4 --server-fd 8 --pipe-fd 10 --log-truncate
7 root 20 0 3072 1792 1792 S 0.0 0.0 0:00:00 plan9 --control-socket 7 --log-level 4 --server-fd 8 --pipe-fd 10 --log-truncate
8 root 20 0 3072 1792 1792 S 0.0 0.0 0:00:00 /init
9 root 19 -66824 15264 14372 0 S 0.0 0.0 0:00:00 /usr/lib/systemd/journald
10 root 20 0 25064 6144 4864 S 0.0 0.0 0:00:00 /usr/lib/systemd/udevd
119 systemd-re 20 0 21456 12672 10496 S 0.0 0.0 0:00:00 /usr/lib/systemd-resolved
170 systemd-ti 20 0 91024 7552 6784 S 0.0 0.0 0:00:00 /usr/lib/systemd-timesyncd
178 systemd-ti 20 0 91024 7552 6784 S 0.0 0.0 0:00:00 /usr/lib/systemd-timesyncd
193 root 20 0 4236 2432 2304 S 0.0 0.1 0:00:00 /sbin/cron -f P
194 messagebus 20 0 3096 1152 1024 S 0.0 0.0 0:00:00 /dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation --syslog-only
206 root 20 0 17400 13184 11392 S 0.0 0.0 0:00:00 /usr/bin/python3 /usr/share/unattended-upgrades/unattended-upgrade-shutdown --wait-for-signal
215 root 20 0 104M 22400 13184 S 0.0 0.6 0:00:00 /usr/bin/python3 /usr/share/unattended-upgrades/unattended-upgrade-shutdown --wait-for-signal
216 root 20 0 104M 22400 13184 S 0.0 0.6 0:00:00 /usr/bin/python3 /usr/share/unattended-upgrades/unattended-upgrade-shutdown --wait-for-signal
222 syslog 20 0 217M 5632 4352 S 0.0 0.1 0:00:02 /usr/sbin/rsyslogd -n INONE
224 root 20 0 1714M 13184 11392 S 0.0 0.3 0:00:01 /usr/libexec/wsl-pro-service -vv
232 root 20 0 1714M 13184 11392 S 0.0 0.3 0:00:00 /usr/libexec/wsl-pro-service -vv
233 root 20 0 1714M 13184 11392 S 0.0 0.3 0:00:00 /usr/libexec/wsl-pro-service -vv
234 root 20 0 1714M 13184 11392 S 0.0 0.3 0:00:00 /usr/libexec/wsl-pro-service -vv
235 root 20 0 1714M 13184 11392 S 0.0 0.3 0:00:00 /usr/libexec/wsl-pro-service -vv
237 syslog 20 0 217M 5632 4352 S 0.0 0.1 0:00:01 /usr/sbin/rsyslogd -n INONE
238 syslog 20 0 217M 5632 4352 S 0.0 0.1 0:00:00 /usr/sbin/rsyslogd -n INONE
239 syslog 20 0 217M 5632 4352 S 0.0 0.1 0:00:00 /usr/sbin/rsyslogd -n INONE
275 root 20 0 1714M 13184 11392 S 0.0 0.3 0:00:00 /usr/libexec/wsl-pro-service -vv
319 root 20 0 3080 896 896 S 0.0 0.0 0:00:00 /init
320 root 20 0 3096 1152 1024 S 0.0 0.0 0:00:03 /init
321 student 20 0 6068 5120 3456 S 0.0 0.0 0:00:00 /bin/login -f
322 root 20 0 6068 5120 3456 S 0.0 0.1 0:00:00 /bin/login -f
329 root 20 0 104M 22400 13184 S 0.0 0.6 0:00:00 /usr/bin/python3 /usr/share/unattended-upgrades/unattended-upgrade-shutdown --wait-for-signal
352M/3.68G Tasks: 25, 20 thr, 0 kthr; 1 running
0%K/1.00G Load average: 0.08 0.11 0.05
Uptime: 00:05:11
```

F3 to search a process:-

```
student@DESKTOP-J4JEKOF:/mnt/c/Users/Student
[1] 0% CPU [2] 0% CPU [3] 0% CPU [4] 0% CPU [5] 0% CPU [6] 0% CPU [7] 0% CPU [8] 0% CPU [9] 0% CPU [10] 0% CPU [11] 0% CPU
Mem[|||||] Swap[|||||]
Main [ F10 ] PID USER PRI NI VIRT RES SHR S CPU% MEM% TIME+ Command
1 root 20 0 21700 12152 9080 S 0.0 0.3 0:00:54 /sbin/init
2 root 20 0 3072 1792 1792 S 0.0 0.0 0:00:00 /init
3 root 20 0 3072 1792 1792 S 0.0 0.0 0:00:00 plan9 --control-socket 7 --log-level 4 --server-fd 8 --pipe-fd 10 --log-truncate
4 root 20 0 3072 1792 1792 S 0.0 0.0 0:00:00 plan9 --control-socket 7 --log-level 4 --server-fd 8 --pipe-fd 10 --log-truncate
5 root 20 0 3072 1792 1792 S 0.0 0.0 0:00:00 plan9 --control-socket 7 --log-level 4 --server-fd 8 --pipe-fd 10 --log-truncate
6 root 20 0 3072 1792 1792 S 0.0 0.0 0:00:00 plan9 --control-socket 7 --log-level 4 --server-fd 8 --pipe-fd 10 --log-truncate
7 root 20 0 3072 1792 1792 S 0.0 0.0 0:00:00 plan9 --control-socket 7 --log-level 4 --server-fd 8 --pipe-fd 10 --log-truncate
8 root 20 0 3072 1792 1792 S 0.0 0.0 0:00:00 /init
9 root 19 -66824 15264 14372 0 S 0.0 0.0 0:00:00 /usr/lib/systemd/journald
10 root 20 0 25064 6144 4864 S 0.0 0.0 0:00:00 /usr/lib/systemd/udevd
119 systemd-re 20 0 21456 12672 10496 S 0.0 0.0 0:00:00 /usr/lib/systemd-resolved
170 systemd-ti 20 0 91024 7552 6784 S 0.0 0.0 0:00:00 /usr/lib/systemd-timesyncd
178 systemd-ti 20 0 91024 7552 6784 S 0.0 0.0 0:00:00 /usr/lib/systemd-timesyncd
193 root 20 0 4236 2432 2304 S 0.0 0.1 0:00:00 /sbin/cron -f P
194 messagebus 20 0 9592 4992 4480 S 0.0 0.1 0:00:07 /dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation --syslog-only
206 root 20 0 17400 13184 11392 S 0.0 0.0 0:00:00 /usr/bin/python3 /usr/share/unattended-upgrades/unattended-upgrade-shutdown --wait-for-signal
215 root 20 0 104M 22400 13184 S 0.0 0.6 0:00:00 /usr/bin/python3 /usr/share/unattended-upgrades/unattended-upgrade-shutdown --wait-for-signal
216 root 20 0 104M 22400 13184 S 0.0 0.6 0:00:00 /usr/bin/python3 /usr/share/unattended-upgrades/unattended-upgrade-shutdown --wait-for-signal
222 syslog 20 0 217M 5632 4352 S 0.0 0.1 0:00:02 /usr/sbin/rsyslogd -n INONE
224 root 20 0 1714M 13184 11392 S 0.0 0.3 0:00:01 /usr/libexec/wsl-pro-service -vv
232 root 20 0 1714M 13184 11392 S 0.0 0.3 0:00:00 /usr/libexec/wsl-pro-service -vv
233 root 20 0 1714M 13184 11392 S 0.0 0.3 0:00:00 /usr/libexec/wsl-pro-service -vv
234 root 20 0 1714M 13184 11392 S 0.0 0.3 0:00:00 /usr/libexec/wsl-pro-service -vv
235 root 20 0 1714M 13184 11392 S 0.0 0.3 0:00:00 /usr/libexec/wsl-pro-service -vv
237 syslog 20 0 217M 5632 4352 S 0.0 0.1 0:00:01 /usr/sbin/rsyslogd -n INONE
238 syslog 20 0 217M 5632 4352 S 0.0 0.1 0:00:00 /usr/sbin/rsyslogd -n INONE
239 syslog 20 0 217M 5632 4352 S 0.0 0.1 0:00:00 /usr/sbin/rsyslogd -n INONE
275 root 20 0 1714M 13184 11392 S 0.0 0.3 0:00:00 /usr/libexec/wsl-pro-service -vv
319 root 20 0 3080 896 896 S 0.0 0.0 0:00:00 /init
320 root 20 0 3096 1152 1024 S 0.0 0.0 0:00:03 /init
321 student 20 0 6068 5120 3456 S 0.0 0.0 0:00:00 /bin/login -f
322 root 20 0 6068 5120 3456 S 0.0 0.1 0:00:00 /bin/login -f
329 root 20 0 104M 22400 13184 S 0.0 0.6 0:00:00 /usr/bin/python3 /usr/share/unattended-upgrades/unattended-upgrade-shutdown --wait-for-signal
352M/3.68G Tasks: 25, 20 thr, 0 kthr; 1 running
0%K/1.00G Load average: 0.02 0.08 0.05
Uptime: 00:06:26
```

F9 to kill a process:-

```
student@DESKTOP-J4JEKOF:/mnt/c/Users/Student
[1] 0% CPU [2] 0% CPU [3] 0% CPU [4] 0% CPU [5] 0% CPU [6] 0% CPU [7] 0% CPU [8] 0% CPU [9] 0% CPU [10] 0% CPU [11] 0% CPU
Mem[|||||] Swap[|||||]
Main [ F10 ] PID USER PRI NI VIRT RES SHR S CPU% MEM% TIME+ Command
1 SIGHUP 20 0 21700 12152 9080 S 0.0 0.3 0:00:55 /sbin/init
2 SIGINT 20 0 3072 1792 1792 S 0.0 0.0 0:00:01 /init
3 SIGQUIT 6 root 20 0 3072 1792 1792 S 0.0 0.0 0:00:00 plan9 --control-socket 7 --log-level 4 --server-fd 8 --pipe-fd 10 --log-truncate
4 SIGILL 8 root 20 0 3072 1792 1792 S 0.0 0.0 0:00:00 plan9 --control-socket 7 --log-level 4 --server-fd 8 --pipe-fd 10 --log-truncate
5 SIGTRAP 57 root 19 -66824 15268 14372 0 S 0.0 0.4 0:00:16 /lib/systemd/journald
6 SIGABRT 113 root 20 0 25064 6144 4864 S 0.0 0.2 0:00:00 /usr/lib/systemd/udevd
6 SIGIO 169 systemd-re 20 0 21456 12672 10496 S 0.0 0.3 0:00:07 /usr/lib/systemd-resolved
7 SIGTERM 170 systemd-ti 20 0 91024 7552 6784 S 0.0 0.2 0:00:00 /usr/lib/systemd-timesyncd
8 SIGPOLL 178 systemd-ti 20 0 91024 7552 6784 S 0.0 0.2 0:00:00 /usr/lib/systemd-timesyncd
9 SIGKILL 193 root 20 0 4236 2432 2304 S 0.0 0.1 0:00:00 /sbin/cron -f P
10 SIGUSR1 194 messagebus 20 0 9592 4992 4480 S 0.0 0.1 0:00:07 /dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation --syslog-only
11 SIGSEGV 264 root 20 0 17968 8064 7296 S 0.0 0.2 0:00:03 /usr/lib/systemd/journald
12 SIGPIPE 208 root 20 0 3080 896 896 S 0.0 0.0 0:00:00 /sbin/init
13 SIGPIPE 268 root 20 0 3168 1920 1792 S 0.0 0.0 0:00:00 /sbin/init
14 SIGALRM 215 root 20 0 104M 22400 13184 S 0.0 0.6 0:00:11 /usr/bin/python3 /usr/share/unattended-upgrades/unattended-upgrade-shutdown --wait-for-signal
15 SIGTERM 218 root 20 0 3116 1792 1664 S 0.0 0.0 0:00:00 /sbin/init
16 SIGPOLL 220 root 20 0 1740M 13184 11392 S 0.0 0.3 0:00:01 /usr/libexec/wsl-pro-service -vv
17 SIGCHLD 224 root 20 0 1714M 13184 11392 S 0.0 0.3 0:00:01 /usr/libexec/wsl-pro-service -vv
18 SIGCONT 232 root 20 0 1714M 13184 11392 S 0.0 0.3 0:00:00 /usr/libexec/wsl-pro-service -vv
19 SIGSTOP 233 root 20 0 1714M 13184 11392 S 0.0 0.3 0:00:00 /usr/libexec/wsl-pro-service -vv
20 SIGSTP 234 root 20 0 1714M 13184 11392 S 0.0 0.3 0:00:00 /usr/libexec/wsl-pro-service -vv
21 SIGTTIN 235 root 20 0 1714M 13184 11392 S 0.0 0.3 0:00:00 /usr/libexec/wsl-pro-service -vv
22 SIGTTOU 237 syslog 20 0 217M 5632 4352 S 0.0 0.1 0:00:01 /usr/sbin/rsyslogd -n INONE
23 SIGURG 238 syslog 20 0 217M 5632 4352 S 0.0 0.1 0:00:00 /usr/sbin/rsyslogd -n INONE
24 SIGXFSZ 239 syslog 20 0 217M 5632 4352 S 0.0 0.1 0:00:00 /usr/sbin/rsyslogd -n INONE
25 SIGVTALRM 275 root 20 0 1714M 13184 11392 S 0.0 0.3 0:00:00 /usr/libexec/wsl-pro-service -vv
27 SIGPROF 319 root 20 0 3080 896 896 S 0.0 0.0 0:00:00 /init
28 SIGWINCH 320 root 20 0 3096 1152 1024 S 0.0 0.0 0:00:00 /init
29 SIGPOLL 322 root 20 0 6068 5120 3456 S 0.0 0.1 0:00:00 /bin/login -f
30 SIGWR 329 root 20 0 104M 22400 13184 S 0.0 0.6 0:00:00 /usr/bin/python3 /usr/share/unattended-upgrades/unattended-upgrade-shutdown --wait-for-signal
351M/3.68G Tasks: 25, 20 thr, 0 kthr; 1 running
0%K/1.00G Load average: 0.01 0.07 0.04
Uptime: 00:07:03
```

Part B:-

Sudo Apt install net-tools:-

```
student@DESKTOP-J4JEKOF:/mnt/c/Users/Student$ sudo apt install net-tools
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
  net-tools
0 upgraded, 1 newly installed, 0 to remove and 31 not upgraded.
Need to get 204 kB of archives.
After this operation, 811 kB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 net-tools amd64 2.10-0.1ubuntu4.4 [204 kB]
Fetched 204 kB in 4s (51.0 kB/s)
Selecting previously unselected package net-tools.
(Reading database ... 40778 files and directories currently installed.)
Preparing to unpack .../net-tools_2.10-0.1ubuntu4.4_amd64.deb ...
Unpacking net-tools (2.10-0.1ubuntu4.4) ...
Setting up net-tools (2.10-0.1ubuntu4.4) ...
Processing triggers for man-db (2.12.0-4build2) ...
student@DESKTOP-J4JEKOF:/mnt/c/Users/Student$
```

Netstat -tuln:-

```
student@DESKTOP-EQ940S1:/mnt/c/Windows/system32$ netstat -tuln
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address          Foreign Address        State
tcp     0      0 127.0.0.53:53           0.0.0.0:*
tcp     0      0 127.0.0.54:53           0.0.0.0:*
udp     0      0 127.0.0.54:53           0.0.0.0:*
udp     0      0 127.0.0.53:53           0.0.0.0:*
udp     0      0 127.0.0.1:323          0.0.0.0:*
udp6    0      0 ::1:323                :::*
student@DESKTOP-EQ940S1:/mnt/c/Windows/system32$
```

Netstat -tulpn:-

```
student@DESKTOP-EQ940S1:/mnt/c/Windows/system32$ netstat -tulpn
(No info could be read for "-p": geteuid()=1000 but you should be root.)
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address          Foreign Address        State      PID/Program name
tcp     0      0 127.0.0.53:53           0.0.0.0:*
tcp     0      0 127.0.0.54:53           0.0.0.0:*
udp     0      0 127.0.0.54:53           0.0.0.0:*
udp     0      0 127.0.0.53:53           0.0.0.0:*
udp     0      0 127.0.0.1:323          0.0.0.0:*
udp6    0      0 ::1:323                :::*
student@DESKTOP-EQ940S1:/mnt/c/Windows/system32$
```

Netstat -ant:-

```
student@DESKTOP-EQ940S1:/mnt/c/Windows/system32$ netstat -ant
Active Internet connections (servers and established)
Proto Recv-Q Send-Q Local Address          Foreign Address        State
tcp     0      0 127.0.0.53:53           0.0.0.0:*
tcp     0      0 127.0.0.54:53           0.0.0.0:*
student@DESKTOP-EQ940S1:/mnt/c/Windows/system32$
```

Netstat -r :-

```
student@DESKTOP-EQ940S1:/mnt/c/Windows/system32$ netstat -r
Kernel IP routing table
Destination     Gateway         Genmask        Flags   MSS Window irtt Iface
default         DESKTOP-EQ940S1  0.0.0.0       UG        0 0          0 eth0
172.20.176.0   0.0.0.0        255.255.240.0  U        0 0          0 eth0
student@DESKTOP-EQ940S1:/mnt/c/Windows/system32$
```