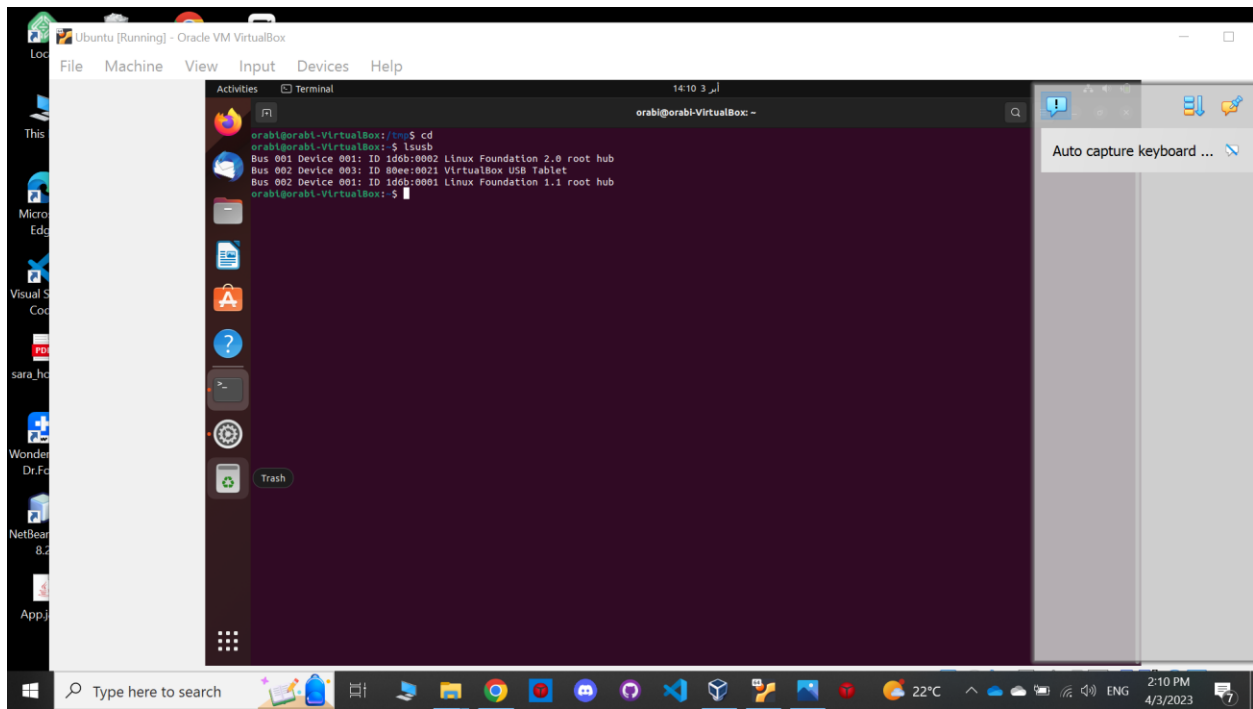
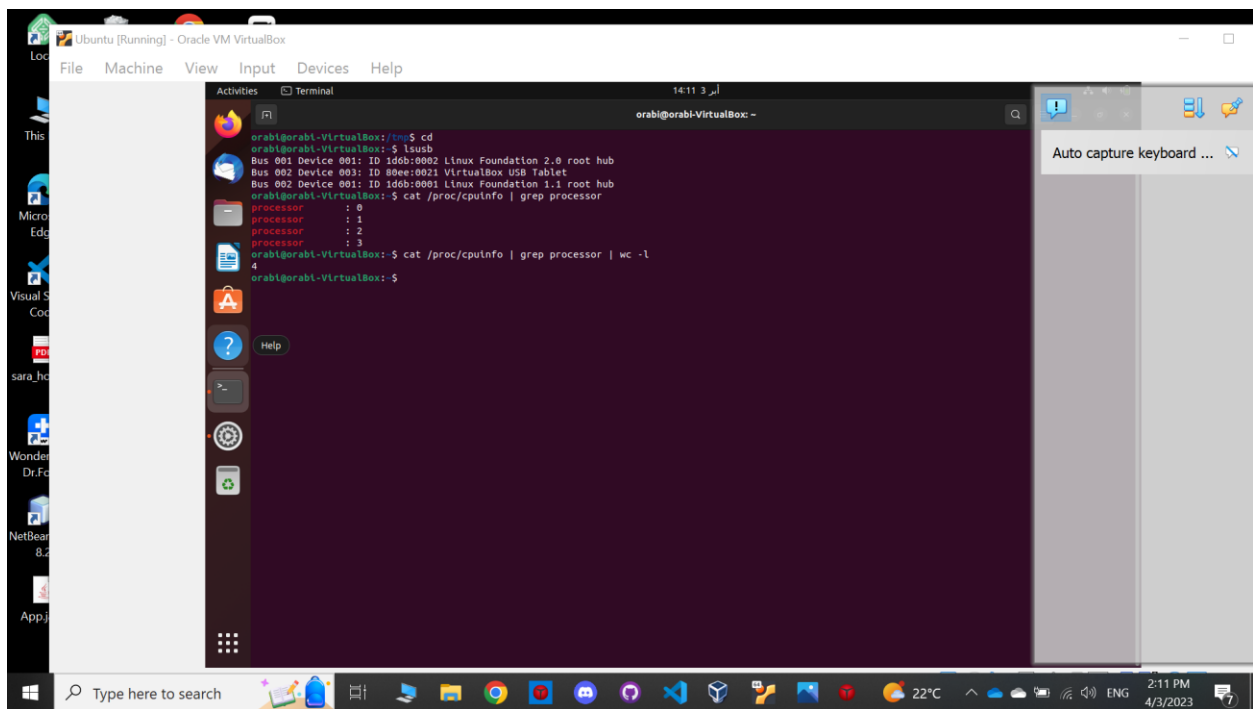


1-



2-



3-

The screenshot shows an Oracle VM VirtualBox window with an Ubuntu guest. The terminal displays the output of the 'top' command, showing system performance metrics. The 'avg-cpu' line indicates 5.07% user, 0.00% nice, 0.76% system, 0.00% idle, 0.00% steal, and 94.17% idle. The 'Device' section shows disk activity for 'dm-8' and 'loop' devices.

Device	tps	KB_read/s	KB_wrtn/s	KB_dscd/s	KB_read	KB_wrtn	KB_dscd
dm-8	0.00	0.00	0.00	0.00	0	0	0
loop0	0.00	0.00	0.00	0.00	0	0	0
loop1	0.00	0.00	0.00	0.00	0	0	0
loop2	0.00	0.00	0.00	0.00	0	0	0
loop3	0.00	0.00	0.00	0.00	0	0	0
loop4	0.00	0.00	0.00	0.00	0	0	0
loop5	0.00	0.00	0.00	0.00	0	0	0
loop6	0.00	0.00	0.00	0.00	0	0	0
loop7	0.00	0.00	0.00	0.00	0	0	0
loop8	0.00	0.00	0.00	0.00	0	0	0
loop9	0.00	0.00	0.00	0.00	0	0	0
sda	0.00	0.00	0.00	0.00	0	0	0

3.1-

The screenshot shows an Oracle VM VirtualBox window with an Ubuntu guest. The terminal displays the output of the 'top' command, showing system performance metrics. The 'avg-cpu' line indicates 2.77% user, 0.00% nice, 0.00% system, 0.00% idle, 0.00% steal, and 96.34% idle. The 'Device' section shows disk activity for 'dm-8' and 'loop' devices.

Device	tps	KB_read/s	KB_wrtn/s	KB_dscd/s	KB_read	KB_wrtn	KB_dscd
dm-8	0.00	0.00	0.00	0.00	0	0	0
loop0	0.00	0.00	0.00	0.00	0	0	0
loop1	0.00	0.00	0.00	0.00	0	0	0
loop2	0.00	0.00	0.00	0.00	0	0	0
loop3	0.00	0.00	0.00	0.00	0	0	0
loop4	0.00	0.00	0.00	0.00	0	0	0
loop5	0.00	0.00	0.00	0.00	0	0	0
loop6	0.00	0.00	0.00	0.00	0	0	0
loop7	0.00	0.00	0.00	0.00	0	0	0
loop8	0.00	0.00	0.00	0.00	0	0	0
loop9	0.00	0.00	0.00	0.00	0	0	0
sda	0.00	0.00	0.00	0.00	0	0	0

4-

```

orabi@orabi-VirtualBox:~$ sudo apt install nicstat
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
  nicstat
0 upgraded, 1 newly installed, 0 to remove and 160 not upgraded.
Need to get 18.2 kB of archives.
After this operation, 54.3 kB of additional disk space will be used.
Get:1 http://ppa.archive.ubuntu.com/ubuntu/kinetic/universe amd64 nicstat amd64 1.95-1build3 [18.2 kB]
Fetched 18.2 kB in 0s (40.2 kB/s)
Selecting previously unselected package nicstat.
(Reading database ... 197905 files and directories currently installed.)
Preparing to unpack .../nicstat-1.95-1build3_amd64.deb ...
Unpacking nicstat (1.95-1build3) ...
Setting up nicstat (1.95-1build3) ...
Processing triggers for man-db (2.10.2-2) ...
orabi@orabi-VirtualBox:~$ sudo nicstat 1 5

```

Time	Int	rKB/s	wKB/s	rPK/s	wPK/s	rAvs	wAvs	MUtil	Sat
14:12:49	lo	0.03	0.03	0.63	0.63	56.24	56.24	0.00	0.00
14:12:49	enp0s3	221.3	0.97	157.1	16.00	1443.1	61.89	0.18	0.00
Time	Int	rKB/s	wKB/s	rPK/s	wPK/s	rAvs	wAvs	MUtil	Sat
14:12:50	lo	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14:12:50	enp0s3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Time	Int	rKB/s	wKB/s	rPK/s	wPK/s	rAvs	wAvs	MUtil	Sat
14:12:51	lo	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14:12:51	enp0s3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Time	Int	rKB/s	wKB/s	rPK/s	wPK/s	rAvs	wAvs	MUtil	Sat
14:12:52	lo	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14:12:52	enp0s3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Time	Int	rKB/s	wKB/s	rPK/s	wPK/s	rAvs	wAvs	MUtil	Sat
14:12:53	lo	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14:12:53	enp0s3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5-

```

orabi@orabi-VirtualBox:~$ sudo apt install lspci
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
  lspci
0 upgraded, 1 newly installed, 0 to remove and 160 not upgraded.
Need to get 18.2 kB of archives.
After this operation, 54.3 kB of additional disk space will be used.
Get:1 http://ppa.archive.ubuntu.com/ubuntu/kinetic/universe amd64 lspci amd64 1.95-1build3 [18.2 kB]
Fetched 18.2 kB in 0s (40.2 kB/s)
Selecting previously unselected package lspci.
(Reading database ... 197905 files and directories currently installed.)
Preparing to unpack .../lspci-1.95-1build3_amd64.deb ...
Unpacking lspci (1.95-1build3) ...
Setting up lspci (1.95-1build3) ...
Processing triggers for man-db (2.10.2-2) ...
orabi@orabi-VirtualBox:~$ sudo lspci

```

```

00:00.0 Host bridge: Intel Corporation 440FX - 82441FX PMC [Natonal] (rev 02)
00:01.0 ISA bridge: Intel Corporation 82371EB PIIX3 ISA [Natonal/frition II]
00:01.1 IDE interface: Intel Corporation 82371AB/EB/MB PIIX4 IDE (rev 01)
00:02.0 VGA compatible controller: VMware SVGA II Adapter
00:03.0 Ethernet controller: Intel Corporation 82540EH Gigabit Ethernet Controller (rev 02)
00:04.0 System peripheral: InnoTek Systemberatung GmbH VirtualBox Guest Service
00:05.0 Multimedia audio controller: Intel Corporation 82801AA AC'97 Audio Controller (rev 01)
00:06.0 USB controller: Apple Inc. KeyLargo/Intrepid USB
00:07.0 Bridge: Intel Corporation 82540EB/MB PIIX4 ACPI (rev 08)
00:0b.0 USB controller: Intel Corporation 82801FB/FBM/FR/FM/FRM (ICH6 Family) USB2 EHCI Controller
00:0d.0 SATA controller: Intel Corporation 82801HM/HEM (ICH6M/ICH6M-E) SATA Controller [AHCI mode] (rev 02)

```

6-

