

Laboratory 3

1. Identify your computer IP address.

```
IPv4 Address. . . . . : 192.168.105.210(Preferred)
```

2. Know your hostname

```
LAPTOP-33Q61249
```

3. Identify your network DNS.

```
DNS Servers . . . . . : 192.168.105.1
```

4. Ping your 1 of your classmate's computer

Adrian Palisoc's IP address

```
C:\Users\LuckyNatanauan>ping 19.168.105.200

Pinging 19.168.105.200 with 32 bytes of data:
PING: transmit failed. General failure.
PING: transmit failed. General failure.
PING: transmit failed. General failure.
PING: transmit failed. General failure.

Ping statistics for 19.168.105.200:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

5. Traceroute the pinnacle

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```
Tracing route to pinnacle.pnc.edu.ph [52.65.103.243]
over a maximum of 30 hops:
```

1	10 ms	2 ms	5 ms	192.168.253.253
2	2825 ms	131 ms	236 ms	222.127.187.169
3	337 ms	702 ms	668 ms	10.91.27.174
4	11 ms	23 ms	10 ms	222.127.187.165
5	*	*	*	Request timed out.
6	*	*	*	Request timed out.
7	276 ms	225 ms	311 ms	99.83.71.158
8	1836 ms	284 ms	352 ms	52.93.92.42
9	728 ms	1854 ms	909 ms	52.93.92.51
10	*	*	*	Request timed out.
11	1113 ms	2133 ms	817 ms	52.93.92.31
12	*	*	*	Request timed out.
13	*	*	*	Request timed out.
14	1959 ms	741 ms	791 ms	52.95.36.68
15	875 ms	1484 ms	789 ms	150.222.112.151
16	396 ms	935 ms	1511 ms	150.222.112.154
17	321 ms	565 ms	513 ms	52.95.39.26
18	1073 ms	452 ms	340 ms	52.95.39.1
19	*	*	*	Request timed out.
20	*	*	*	Request timed out.
21	*	*	*	Request timed out.
22	*	*	*	Request timed out.
23	*	*	*	Request timed out.
24	*	*	*	Request timed out.
25	*	*	*	Request timed out.
26	*	*	*	Request timed out.
27	*	*	*	Request timed out.
28	*	*	*	Request timed out.
29	*	*	*	Request timed out.
30	*	*	*	Request timed out.

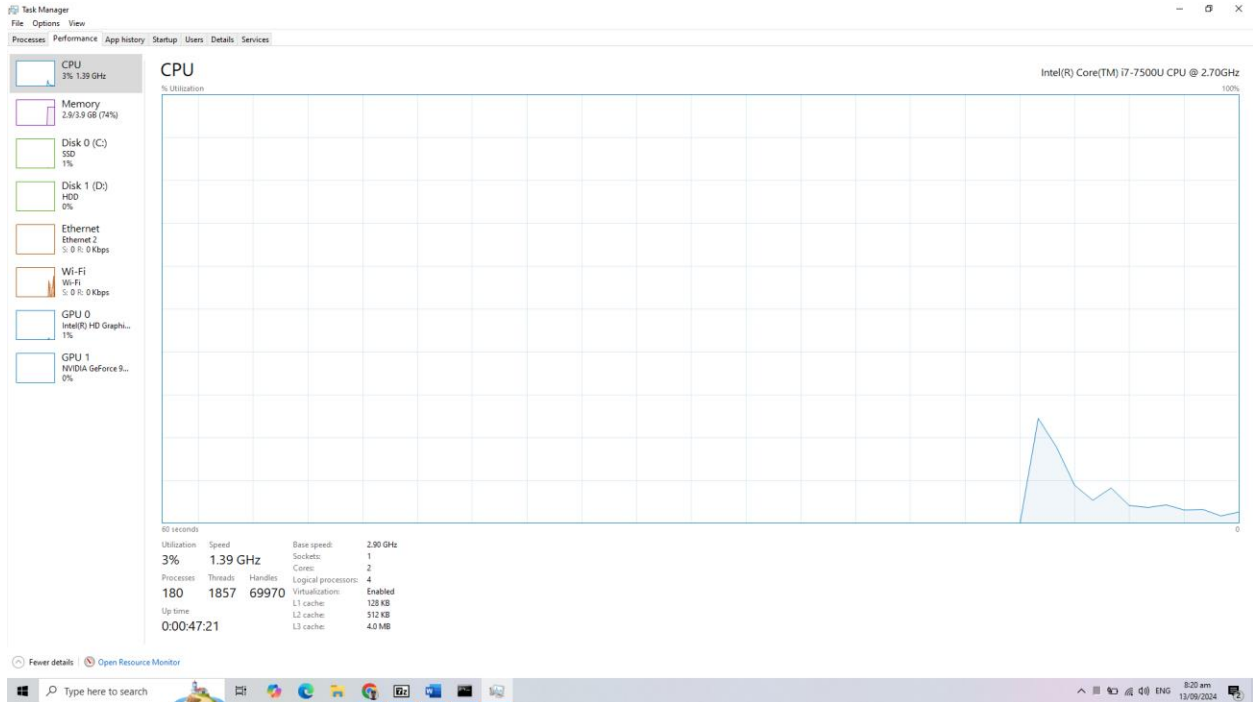
```
Trace complete.
```

6. What is your CPU?

```
Name
Intel(R) Core(TM) i7-7500U CPU @ 2.70GHz
```

7. Find you current CPU utilization

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8. What is your GPU/Video Card?

```
Name
Intel(R) HD Graphics 620
NVIDIA GeForce 940MX
```

9. What is your WIFI link speed?

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There is 1 interface on the system:

```
Name : Wi-Fi
Description : Intel(R) Dual Band Wireless-AC 3165
GUID : d5b87a8a-88fc-435a-93ea-370d4f301b69
Physical address : 84:ef:18:b1:d6:27
State : connected
SSID : CL5
BSSID : 5c:62:8b:53:44:69
Network type : Infrastructure
Radio type : 802.11ac
Authentication : WPA2-Personal
Cipher : CCMP
Connection mode : Profile
Channel : 157
Receive rate (Mbps) : 390
Transmit rate (Mbps) : 390
Signal : 99%
Profile : CL5
```

```
Hosted network status : Not available
```

10. What is your Virtual Machine IP address?

```
Connection-specific DNS Suffix . : 
Description . . . . . : VirtualBox Host-Only Ethernet Adapter
Physical Address. . . . . : 0A-00-27-00-00-10
DHCP Enabled. . . . . : No
Autoconfiguration Enabled . . . . : Yes
Link-local IPv6 Address . . . . . : fe80::85b3:ec4e:bfb8:bac1%16(Preferred)
IPv4 Address. . . . . : 192.168.56.1(Preferred)
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 
DHCPv6 IAID . . . . . : 352976935
DHCPv6 Client DUID. . . . . : 00-01-00-01-1F-8B-CC-91-C8-5B-76-76-11-E7
DNS Servers . . . . . : fec0:0:0:ffff::1%1
                       fec0:0:0:ffff::2%1
                       fec0:0:0:ffff::3%1
NetBIOS over Tcpip. . . . . : Enabled
```

11. What application/service is using the most of your CPU?

> Task Manager	1.0%	23.9 MB	0 MB/s	0 Mbps	0%	Very low	Very low
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

12. What application/service is using the most of your RAM?

> Google Chrome (13)	0.3%	251.7 MB	0.1 MB/s	0 Mbps	0%	GPU 0 - 3D	Very low	Very low
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13. Enlist 10 applications that runs on computer startup.


Name	Publisher	Status	Startup impact
 Conexant High Definition A...	Conexant Systems, Inc.	Enabled	Medium
 Delayed launcher	Intel Corporation	Enabled	High
 FMAPP Application		Enabled	Low
 Hotkey for Dev Home Proje...	Microsoft Corporation	Enabled	Not measured
 Microsoft Edge	Microsoft Corporation	Enabled	High
 Microsoft OneDrive	Microsoft Corporation	Enabled	High
 Phone Link	Microsoft Corporation	Disabled	None
 Riot Client	Riot Games, Inc.	Enabled	High
 Skype	Skype	Disabled	None
 SmartAudio CPL (32bit)	Conexant Systems, Inc.	Enabled	Low

14. Enlist 5 services that are running on the background, write on what they are being used for.

AntiMalware is used for protection, updates, and threat detection. AggregateHost is used for Data Aggregation, Reducing Client Complexity, Improved Peformance.

Background processes (77)								
>	 64-bit Synaptics Pointing Enhancer	0%	0.1 MB	0 MB/s	0 Mbps	0%	Very low	Very low
	 AggregatorHost	0%	1.9 MB	0 MB/s	0 Mbps	0%	Very low	Very low
>	 Antimalware Core Service	0%	2.8 MB	0 MB/s	0 Mbps	0%	Very low	Very low
>	 Antimalware Service Executable	0%	202.0 MB	0 MB/s	0 Mbps	0%	Very low	Very low
	 Application Frame Host	0%	0.8 MB	0 MB/s	0 Mbps	0%	Very low	Very low

15. What is your VM CPU utilization.

>  VirtualBox Virtual Machine	0%	10.1 MB	0 MB/s	0 Mbps	0%		Very low	Very low
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16. Install Apache or Nginx server in your VM. (25 pts)

```
natanauan@oliverserver:~$ apache2 -v
Server version: Apache/2.4.58 (Ubuntu)
Server built: 2024-07-17T18:55:23
```