



Bansilal Ramnath Agarwal Charitable Trust's
Vishwakarma Institute of Information
Technology

**Department of
Artificial Intelligence and Data
Science**

Name: Siddhesh Dilip Khairnar

Class: SY

Division: B

Roll No: 272028

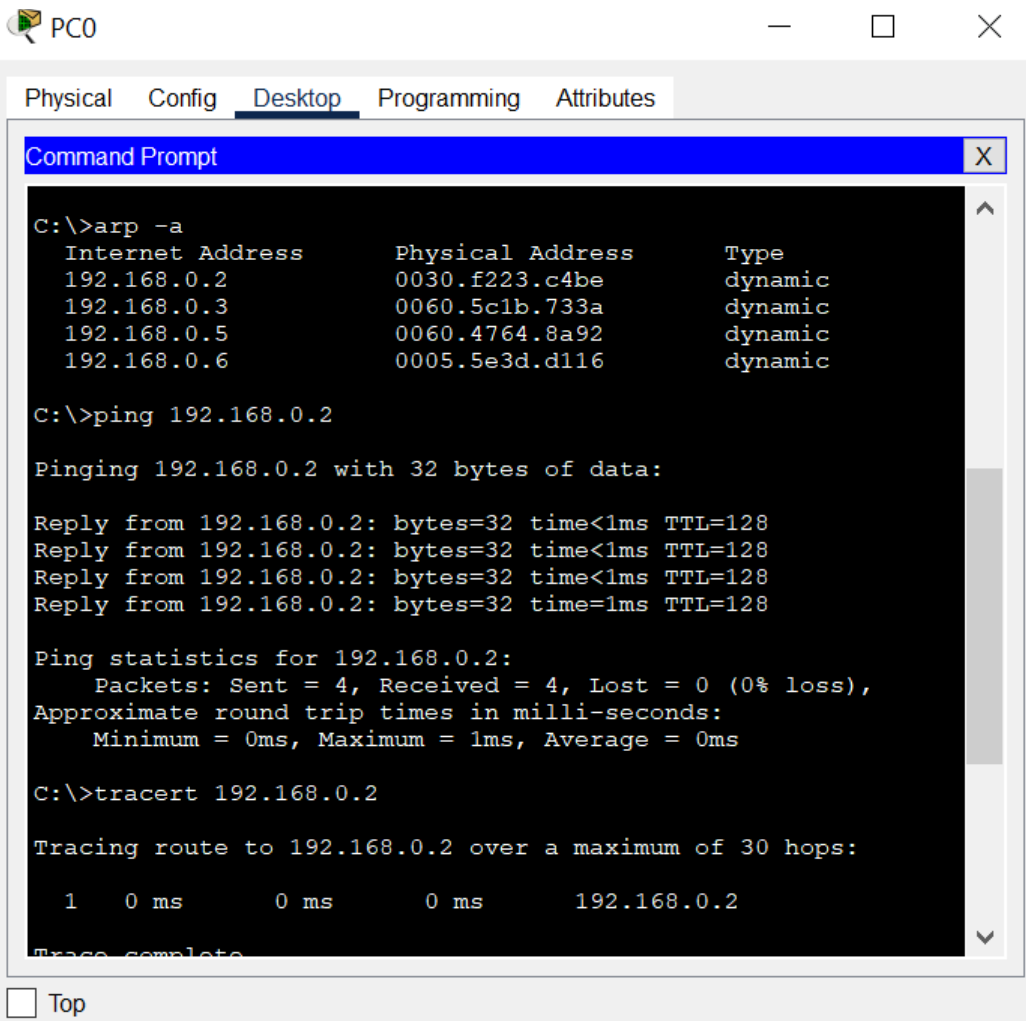
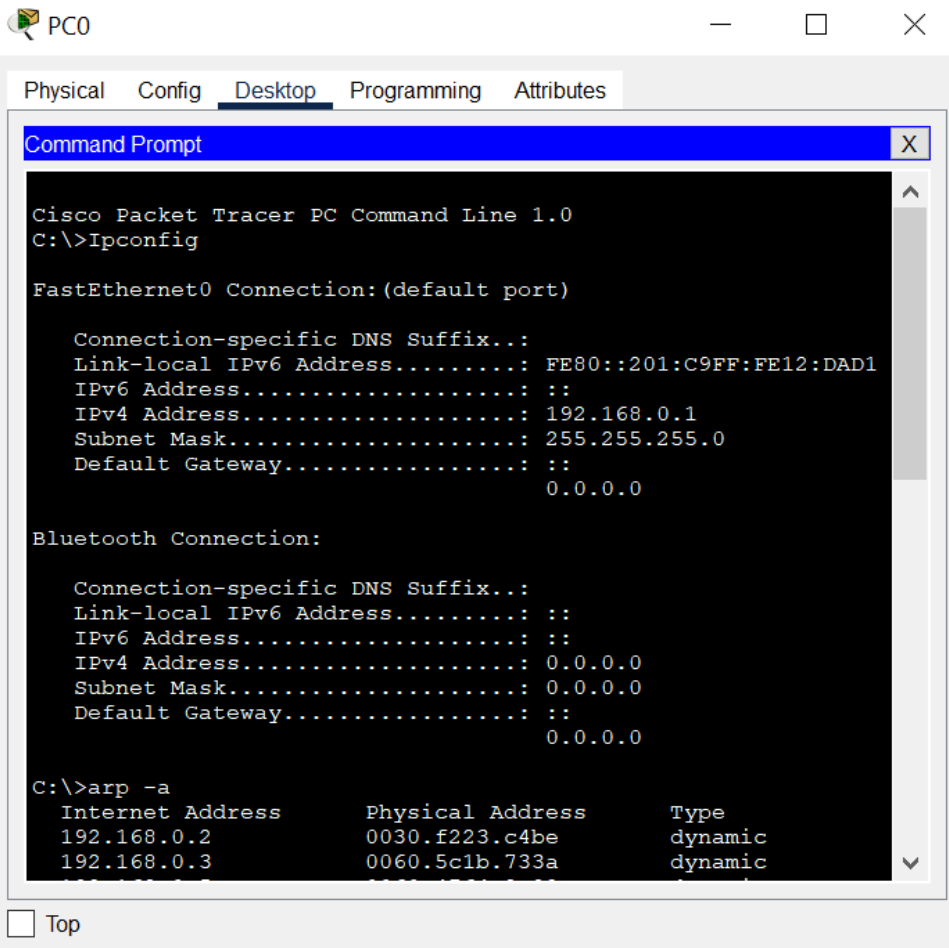
Semester: IV

Academic Year: 2022-2023

Subject Name & Code: Fundamentals of Computer Networks: ADUA22203

Title of Assignment: Test with basic network tools. Read the man pages of ipconfig, ping, traceroute, arp, dig and nslookup.

ASSIGNMENT NO. 4



PC0

Physical Config Desktop Programming Attributes

Command Prompt

Reply from 192.168.0.2: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.0.2:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>tracert 192.168.0.2

Tracing route to 192.168.0.2 over a maximum of 30 hops:

Hop	0	1	2	3	4
Time	0 ms	0 ms	0 ms	0 ms	0 ms
IP					192.168.0.2

Trace complete.

C:\>nslookup 192.168.0.2

Server: [255.255.255.255]

Address: 255.255.255.255

DNS request timed out.

timeout was 15000 milli seconds.

DNS request timed out.

timeout was 15000 milli seconds.

DNS request timed out.

timeout was 15000 milli seconds.

*** Request to 0.0.0.0 timed-out

C:\>

Conclusion : Thus we have tested with basic network tool
with ip config, ping, tracert, arp, netstat and
nslookup.

②
Aswin
21/4/23