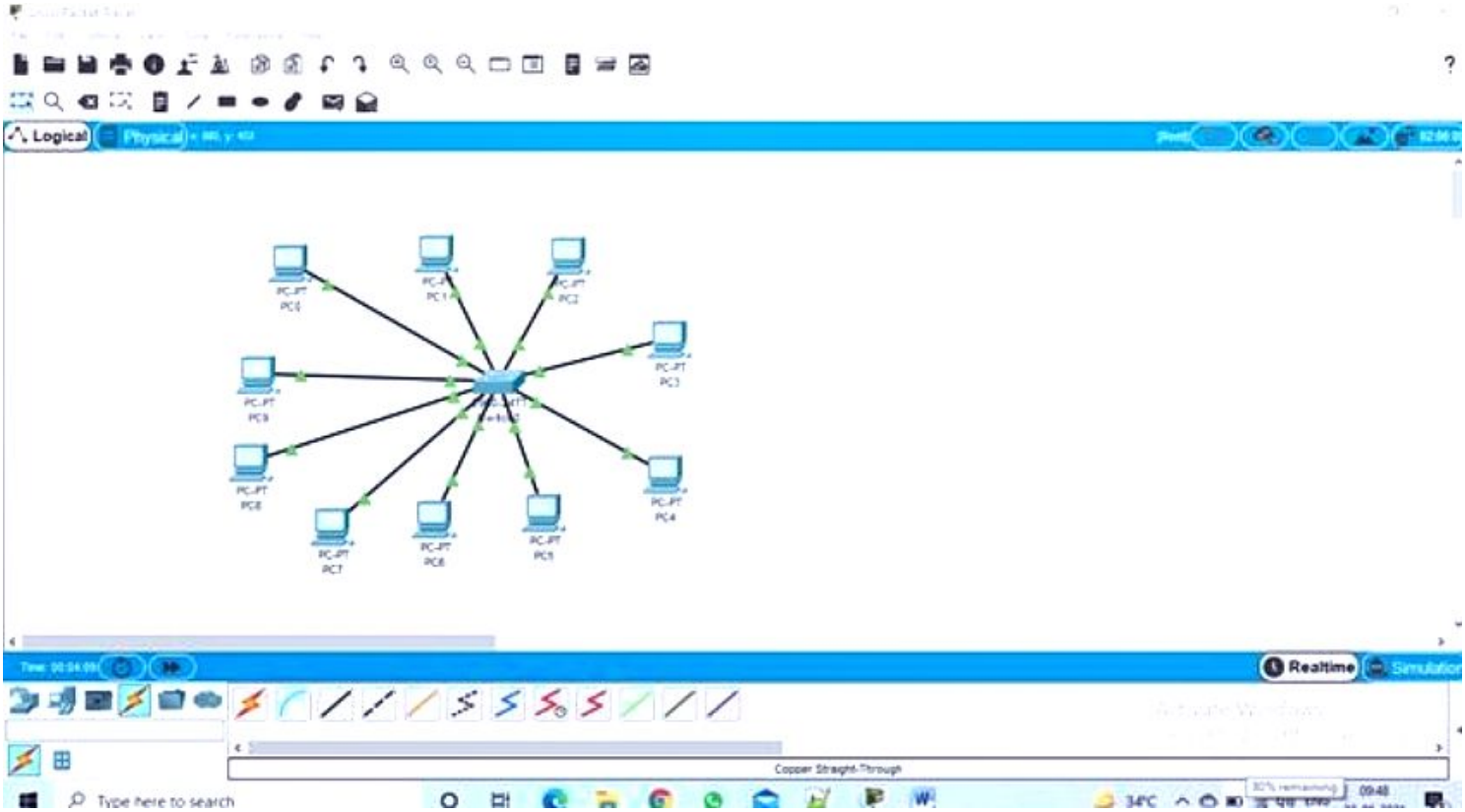
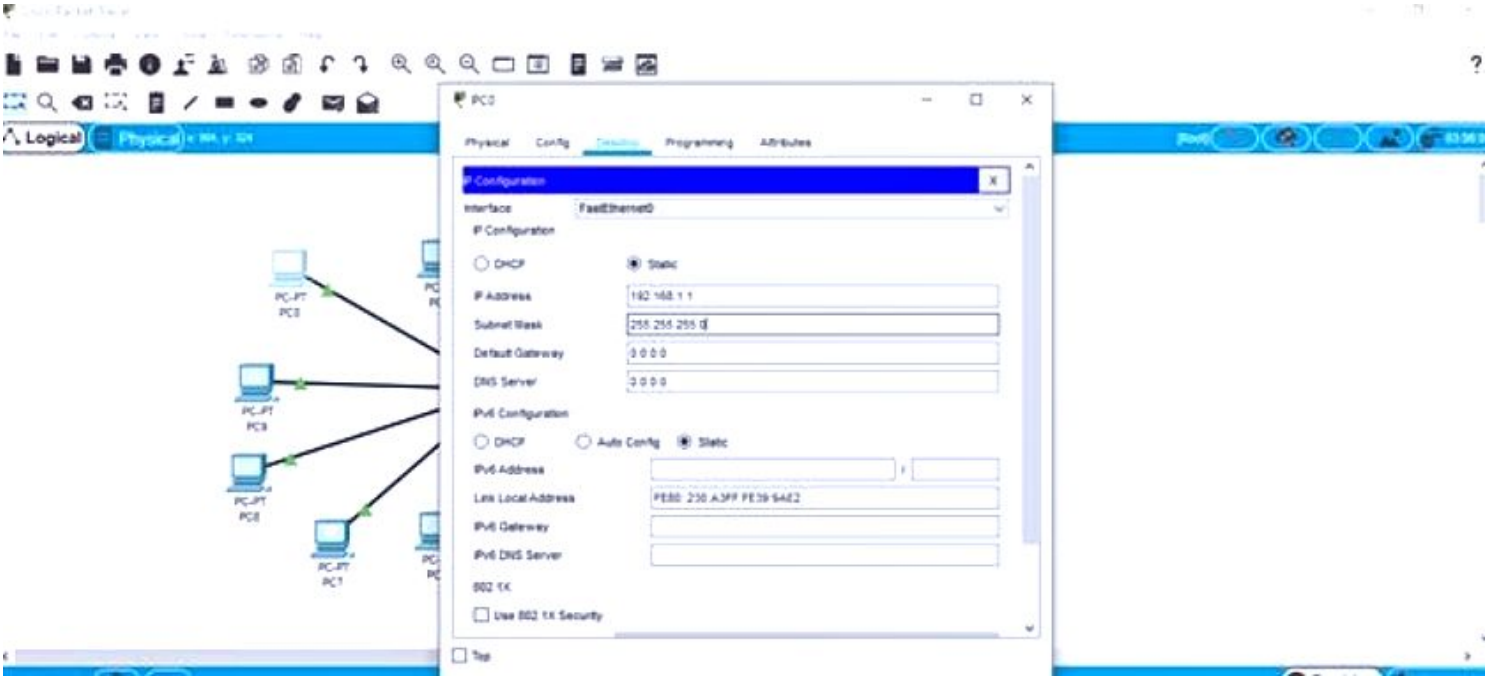
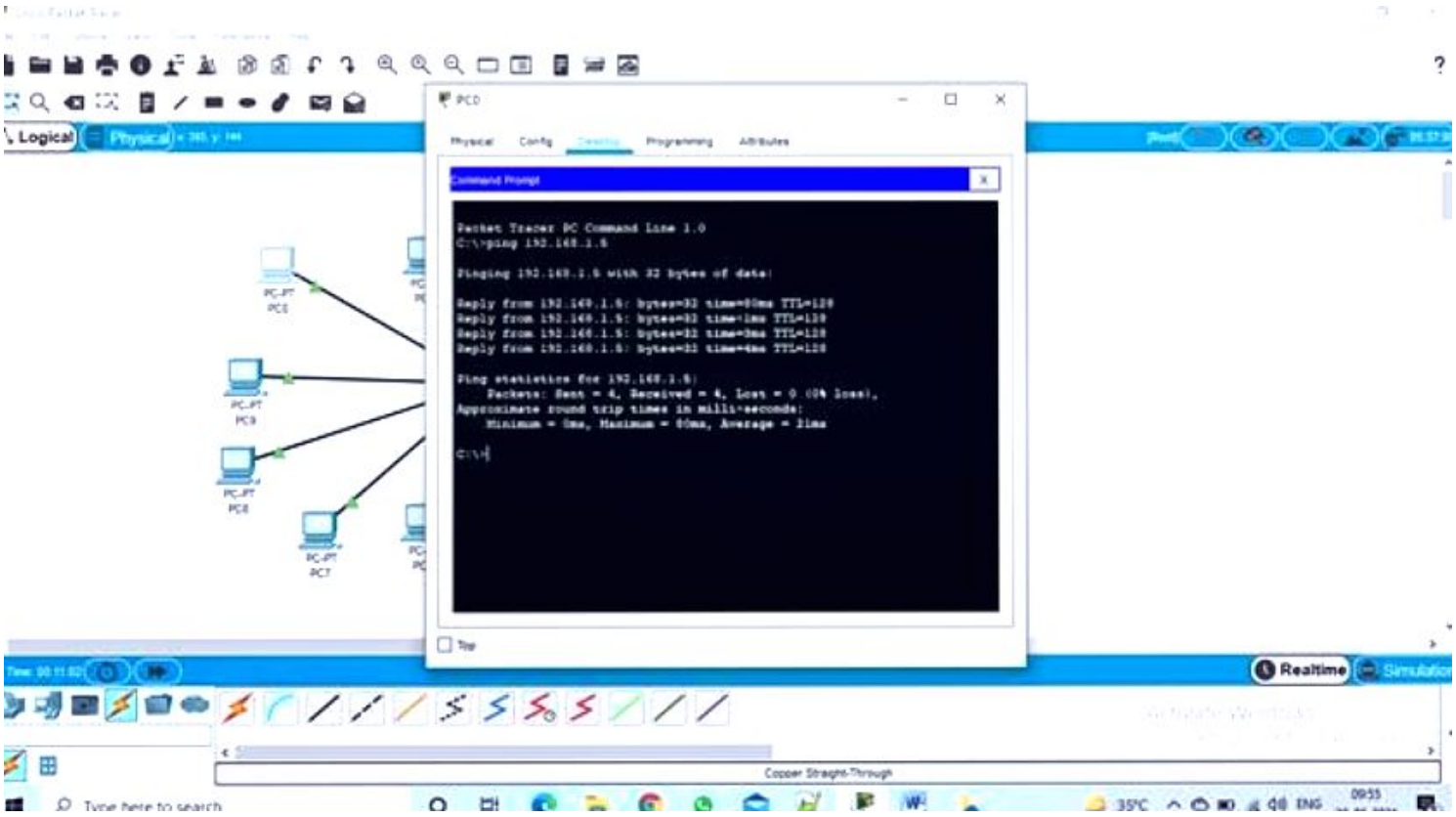

Logical
Physical
PC-PT PC0
PC-PT PC1
PC-PT PC2
PC-PT PC3
PC-PT PC4
PC-PT PC5
PC-PT PC6
PC-PT PC7
PC-PT PC8
PC-PT PC9
Realtime
Simulation
Copper Straight-Through
Type here to search


Logical
Physical
PC0
Physical
Config
Desktop
Programming
Attributes
IP Configuration
Interface
FastEthernet0
IP Configuration
DHCP
Static
IP Address
192.168.1.1
Subnet Mask
255.255.255.0
Default Gateway
0.0.0.0
DNS Server
0.0.0.0
IPv6 Configuration
DHCP
Auto Config
Static
IPv6 Address
Link Local Address
FE80::230:A3FF:FE39:6462
IPv6 Gateway
IPv6 DNS Server
802.1X
Use 802.1X Security
Top
PC-PT
PC3
PC-PT
PC2
PC-PT
PC0
PC-PT
PC1


PC0
Physical
Config
Desktop
Programming
Attributes
Command Prompt
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.6
Pinging 192.168.1.6 with 32 bytes of data:
Reply from 192.168.1.6: bytes=32 time=0ms TTL=128
Reply from 192.168.1.6: bytes=32 time<1ms TTL=128
Reply from 192.168.1.6: bytes=32 time=0ms TTL=128
Reply from 192.168.1.6: bytes=32 time=4ms TTL=128
Ping statistics for 192.168.1.6:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 4ms, Average = 1ms
C:\>
Top
Logical
Physical
Realtime
Simulation
Copper Straight-Through
PC-PT PC6
PC-PT PC7
PC-PT PC8
PC-PT PC9
Type here to search
35°C
ENG
09:55

Date.
Page No.

Name :→ Ayushi Kunwar
Course / Sec :→ MCA - 2B
University Roll no. :→ 20712077
Subject name :→ Computer Network.
Subject code :→ TMC-203

1Q :→ Problem :→ There is an organization 'A' multiple department. Design a network for the HR department and the size of the department ~~and the size of the~~ 10 user. Also, show the comm. b/w user no. 1 and user number 1 and user no. 5 of the network.

Problem statement :→ Connecting 10 PC and showing network b/w them & connection. b/w 1st and 5th PC.

Objective :→ To understand how to create a case using switch in packet traces.

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Steps 1 :→ Drag & drop 10 Pcs. from 'End Devices' and one '2960-24TT' switch from 'switch'.

Step 2 :→ Now connect all Pcs with switch using 'straight cable'.
Network created.

Step 3 :→ Click on 1st PC, go to 'desktop' open 'IP configuration'

Step 4 :→ Write IP address and click on 'subnet Mask'

Step 5 :→ Continue step 3 to step 4 to get all IP address for all Pcs.

IP address created.

Step 6 :→ Click on 1st PC, go to desktop then click on command prompt then write command - ping 192.168.1.5

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to ~~connect~~ show connection
~~[illegible]~~ b/w I^{st} & 5th PC

Connection showed.