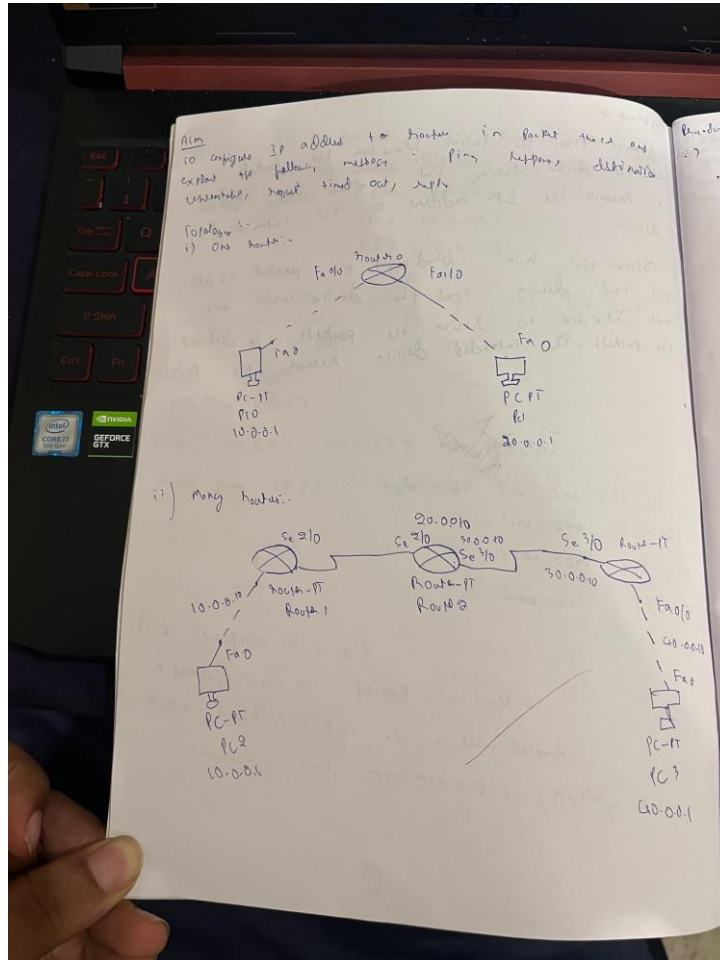


## WEEK 2

Configure IP address to routers (one and three) in packet tracer. Explore the following messages: ping responses, destination unreachable, request timed out, reply.

### OBSERVATION:



the red and  
blue network

7. Network

- Consider the two networks consists of two sub-networks of 10.0.0.0 and 20.0.0.0. The IP address 0.0.0.0 is the default gateway for each of the two.

	IP address	Gateway
Device 1	10.0.0.1	10.0.0.10
Device 2	20.0.0.1	20.0.0.10

- 1) Configure the router with command for interface on each side

- \* Router> enable
- \* Router# configure
- \* Router(config)# interface fastEthernet 0/0
- \* Router(config-if)# ip address 10.0.0.10 255.0.0.0
- \* Router(config-if)# no shut
- \* Router(config-if)# exit

For 2nd interface

- \* Router(config)# interface fastEthernet 1/0
- \* Router(config-if)# ip address 20.0.0.10 255.0.0.0
- \* Router(config-if)# no shut
- \* Router(config-if)# exit

Off

1) Ping 20.0.0.1

Pinging 20.0.0.1 with 32 bytes of data:

Reply from 20.0.0.1: bytes=32 time=0ms TTL=128

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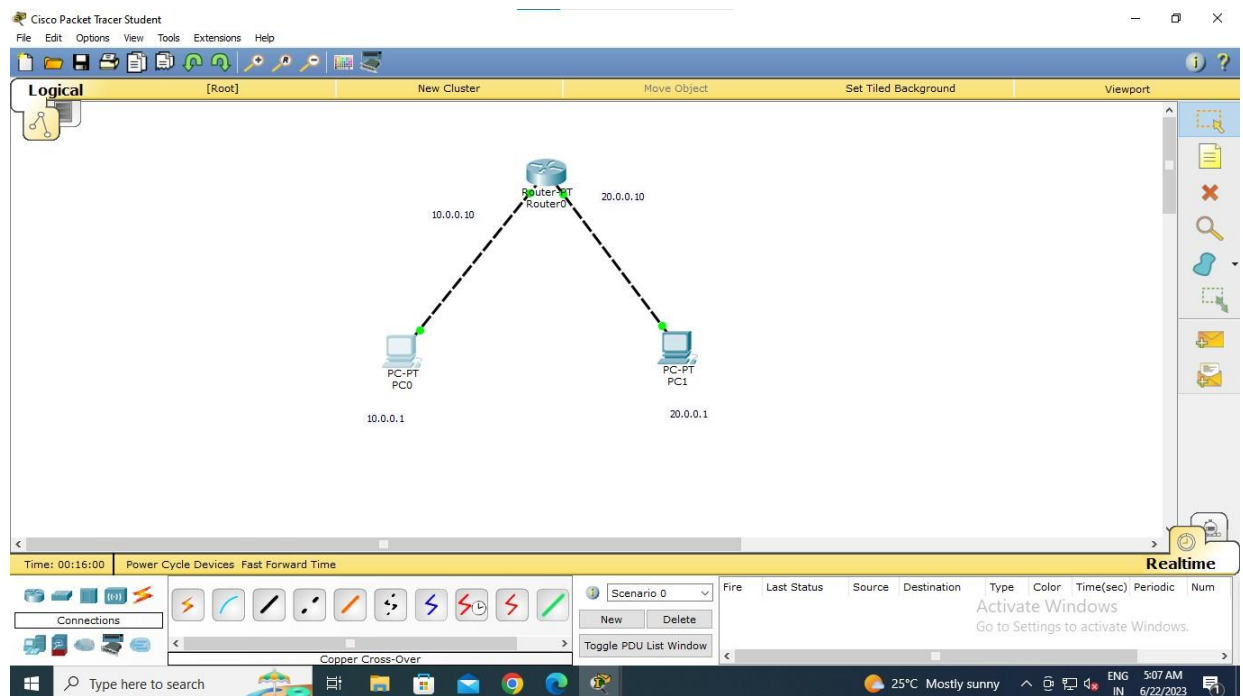




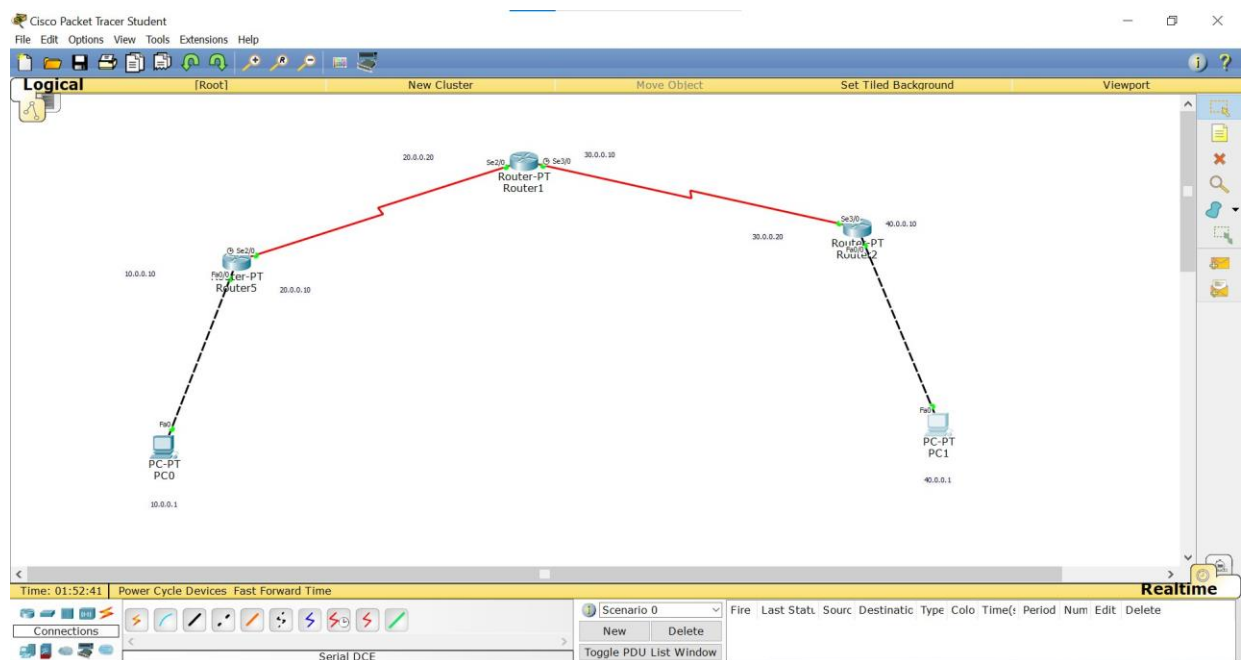


TOPOLOGY:

## PROGRAM 2.1



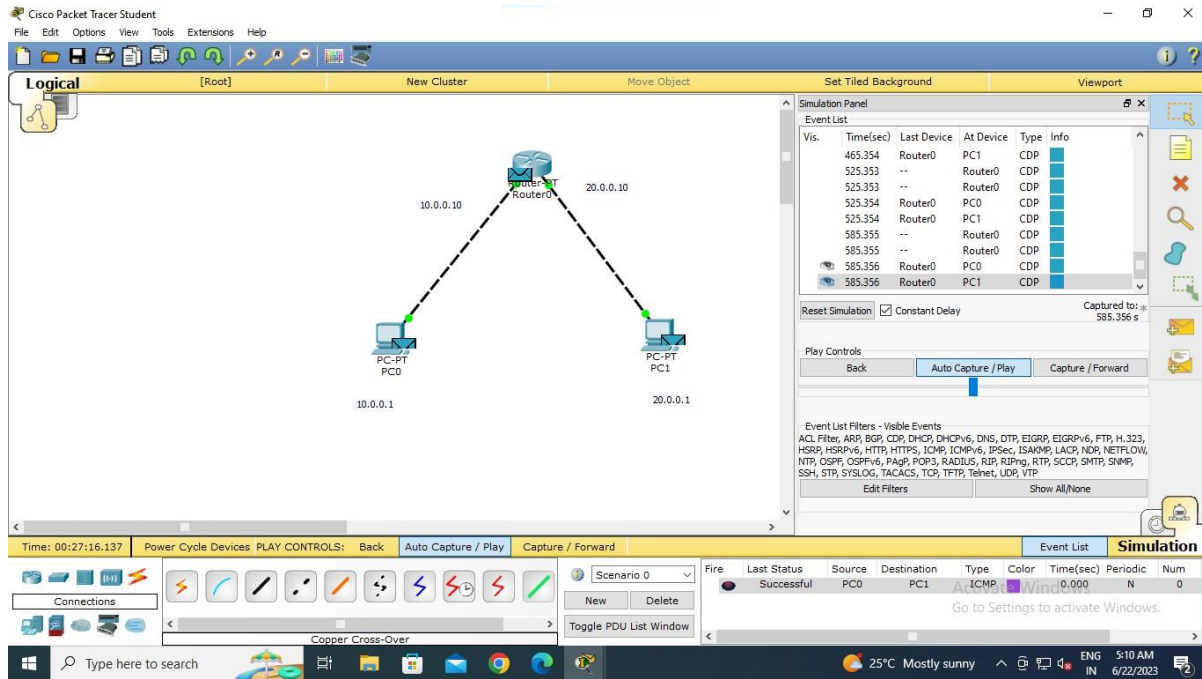
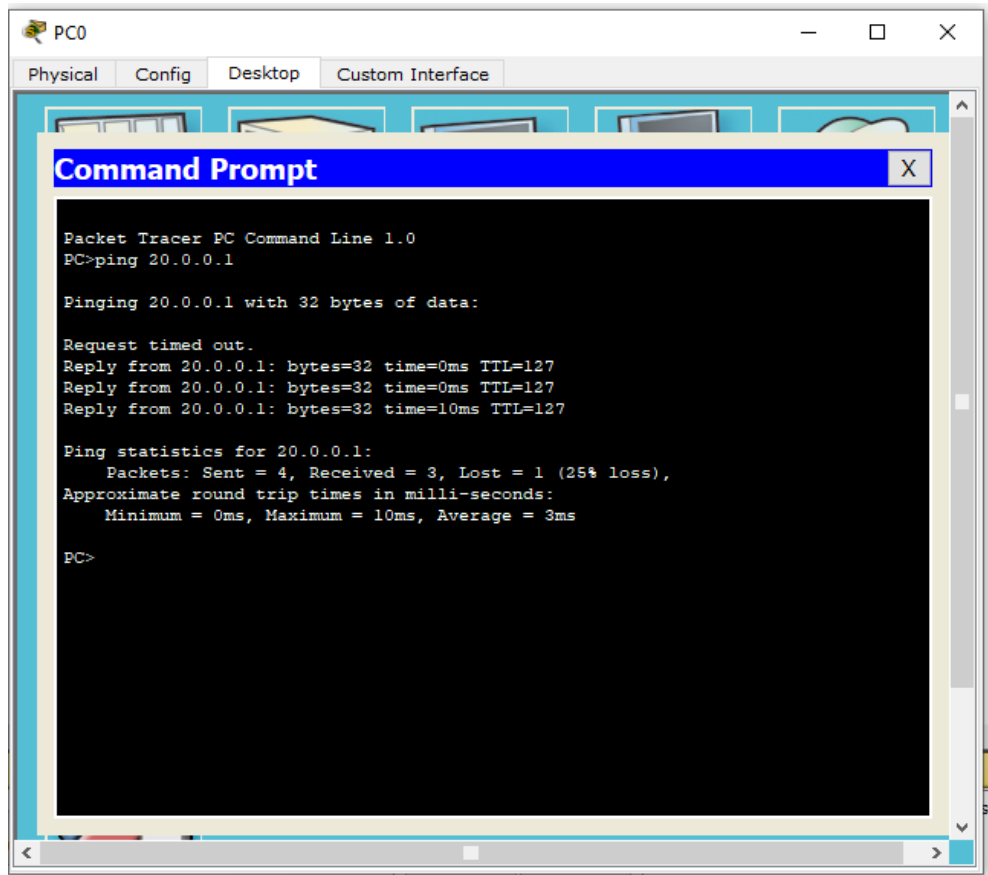
## PROGRAM 2.2



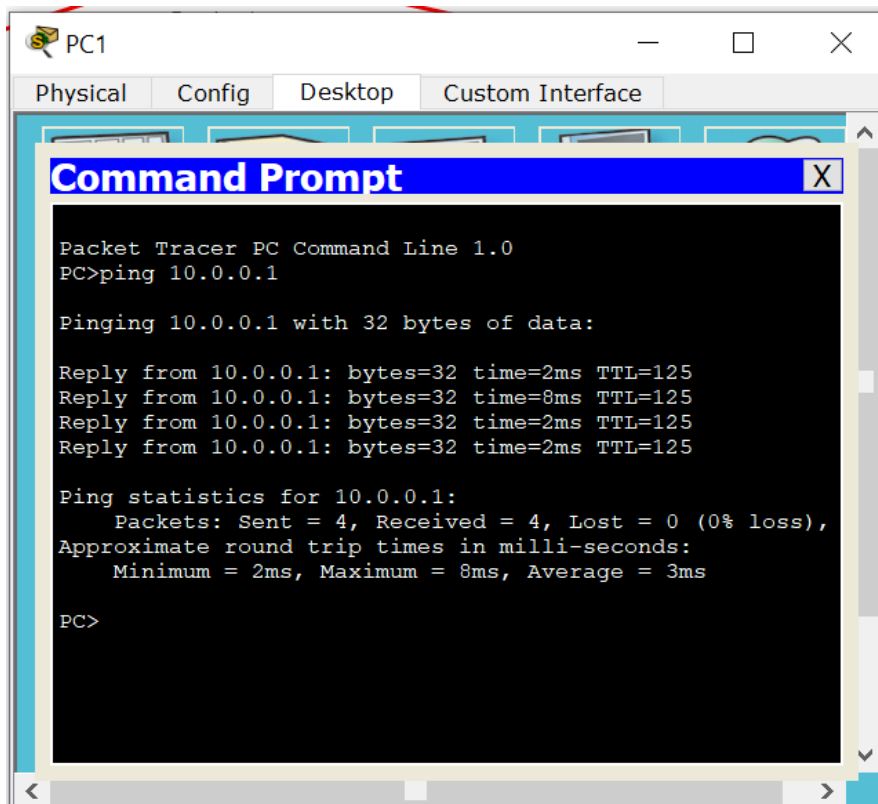
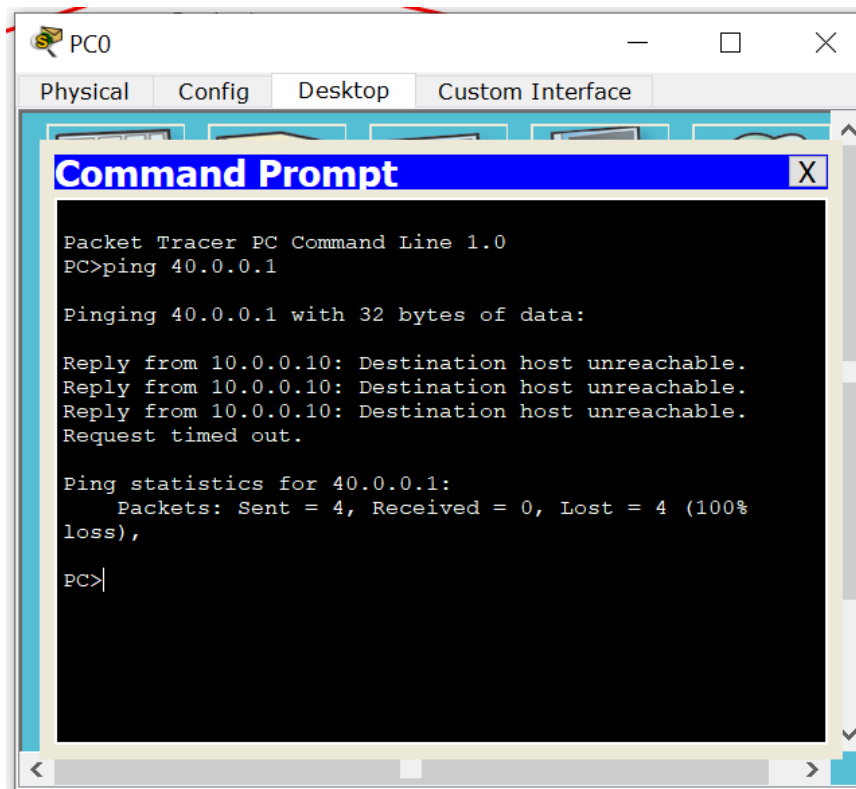
OUTPUT:



## PROGRAM 2.1



## PROGRAM 2.2



Cisco Packet Tracer Student
File Edit Options View Tools Extensions Help

Logical
[Root]
New Cluster
Move Object
Set Tiled Background
Viewport

Simulation Panel
Event List

Vis.	Time(sec)	Last De	At Dev	Type	Info
	28.315	--	Router5	CDP	
	28.316	Router5	PC0	CDP	
	28.316	Router5	Router5	CDP	
	45.862	--	Router5	CDP	
	45.862	--	Router5	CDP	

Reset Simulation
☒ Constant Delay
Captured to: 45.862 s

Play Controls
Back
Auto Capture / Play
Capture / Forward

Event List Filters - Visible Events
ACL Filter, ARP, BGP, CDP, DHCP, DHCPv6, DNS, DTP, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, LACP, NTP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, RADIUS, RIP, RIPng, RTSP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, VTP
Edit Filters
Show All/None

Time: 01:54:00.015
Power Cycle Devices
PLAY CONTROLS: Back
Auto Capture / Play
Capture / Forward

Connections
Serial DCE

Scenario 0
New
Delete
Toggle PDU List Window

Fire
Last Statu
Sourc
Destinatic
Type
Colo
Time(s)
Period
Num
Edit
Delete

Successful
PC0
PC1
IC...
0.000
N
0
(ed...
(delete)

Simulation