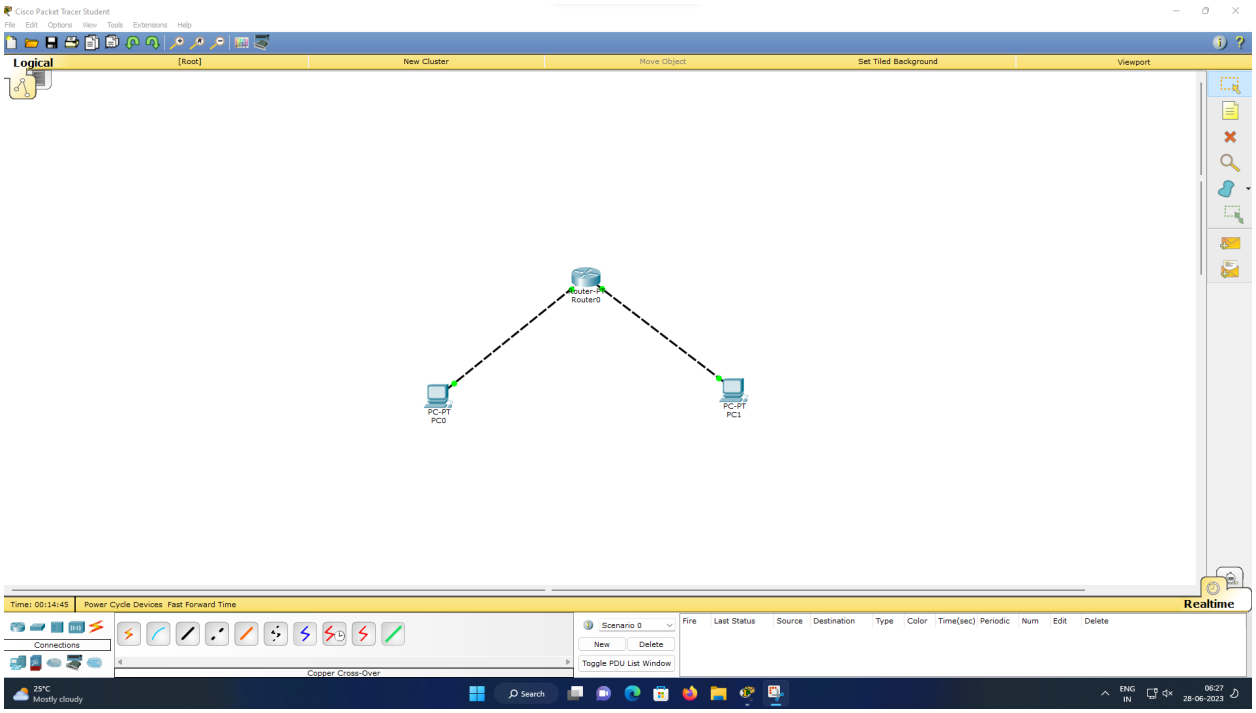
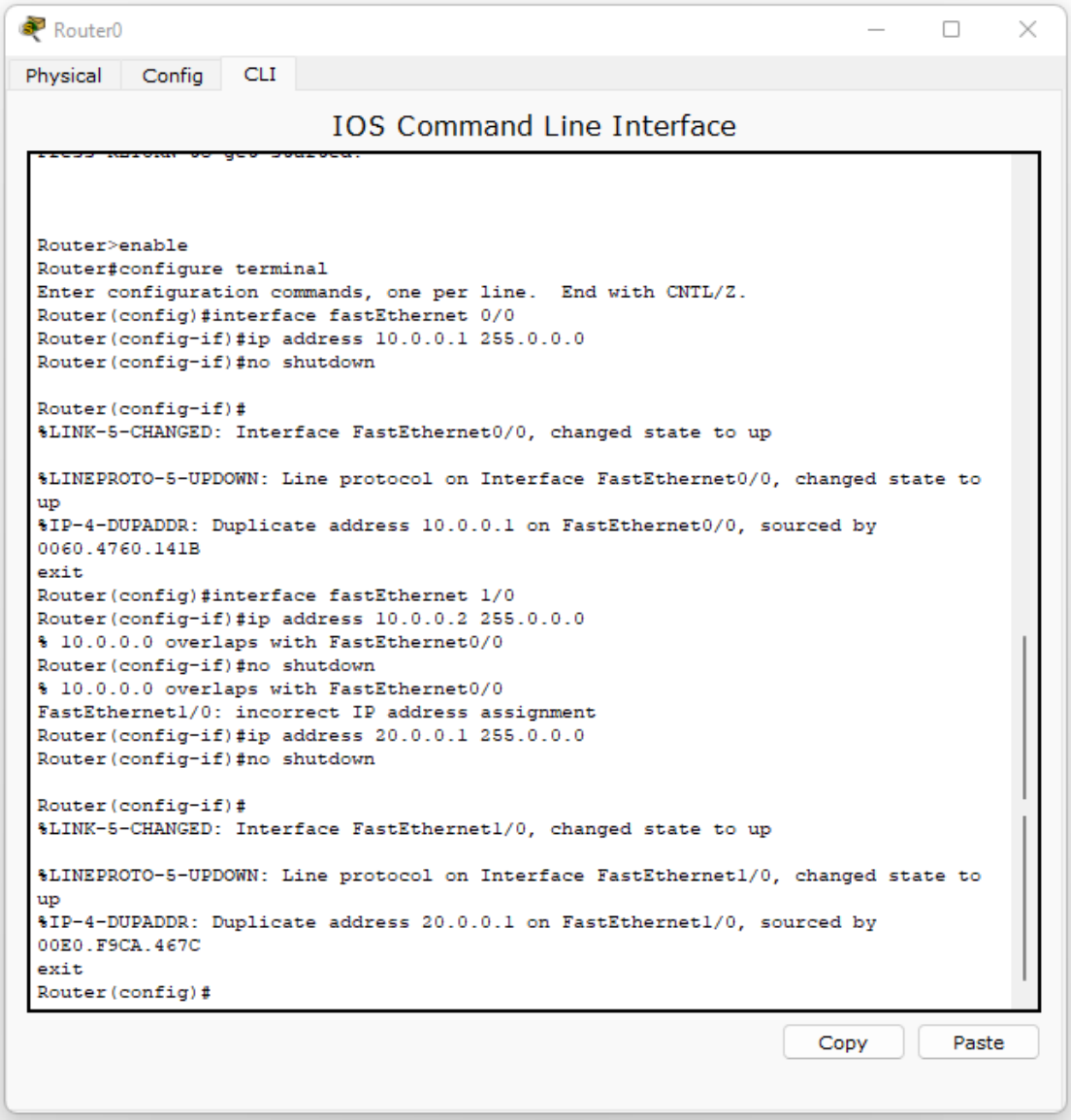
CN LAB WEEK 2

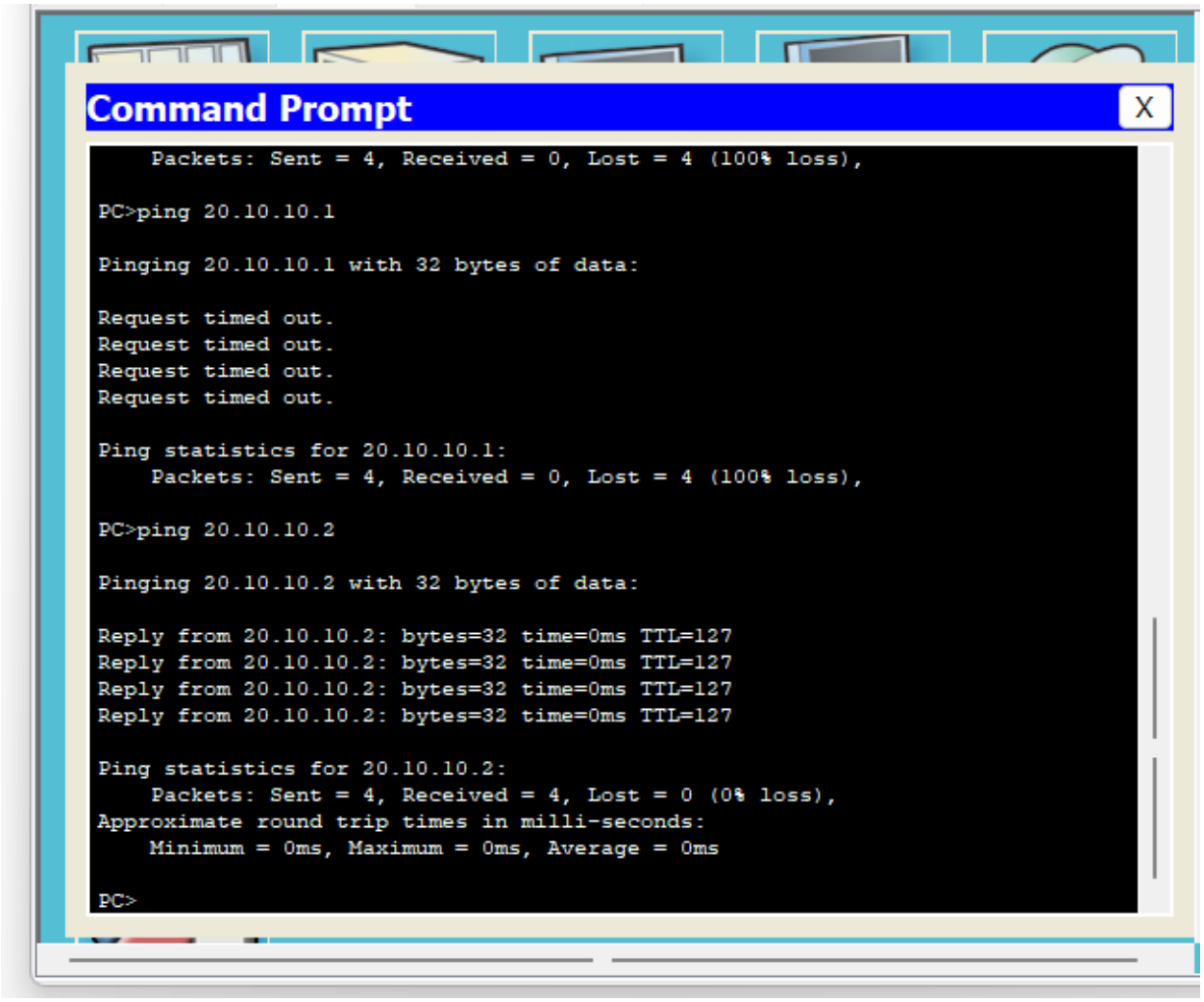
Topology:-



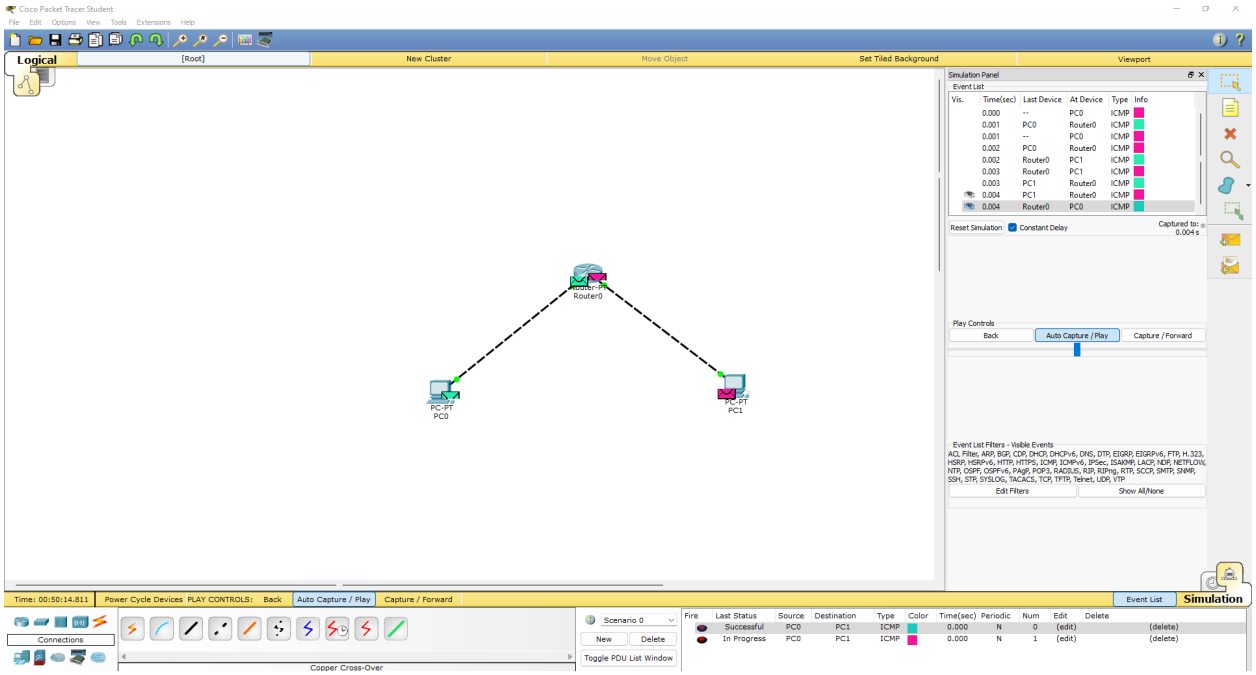
CLI:-


Router0
Physical
Config
CLI
IOS Command Line Interface
Router>enable
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface fastEthernet 0/0
Router(config-if)#ip address 10.0.0.1 255.0.0.0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
%IP-4-DUPADDR: Duplicate address 10.0.0.1 on FastEthernet0/0, sourced by 0060.4760.141B
exit
Router(config)#interface fastEthernet 1/0
Router(config-if)#ip address 10.0.0.2 255.0.0.0
% 10.0.0.0 overlaps with FastEthernet0/0
Router(config-if)#no shutdown
% 10.0.0.0 overlaps with FastEthernet0/0
FastEthernet1/0: incorrect IP address assignment
Router(config-if)#ip address 20.0.0.1 255.0.0.0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet1/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0, changed state to up
%IP-4-DUPADDR: Duplicate address 20.0.0.1 on FastEthernet1/0, sourced by 00E0.F9CA.467C
exit
Router(config)#
Copy
Paste

CMD:-


Command Prompt
X
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
PC>ping 20.10.10.1
Pinging 20.10.10.1 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Ping statistics for 20.10.10.1:
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
PC>ping 20.10.10.2
Pinging 20.10.10.2 with 32 bytes of data:
Reply from 20.10.10.2: bytes=32 time=0ms TTL=127
Reply from 20.10.10.2: bytes=32 time=0ms TTL=127
Reply from 20.10.10.2: bytes=32 time=0ms TTL=127
Reply from 20.10.10.2: bytes=32 time=0ms TTL=127
Ping statistics for 20.10.10.2:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
PC>

SIMULATION:-


Cisco Packet Tracer Student
Logical
[Root]
New Cluster
Move Object
Set Tiled Background
Viewport
Router0
PC-PT
PC0
PC-PT
PC1
Simulation Panel
Event List
Vis.
Time(sec)
Last Device
At Device
Type
Info
Reset Simulation
Constant Delay
Play Controls
Back
Auto Capture / Play
Capture / Forward
Edit Filters
Show All/None
Time: 00:50:14.811
Power Cycle Devices
PLAY CONTROLS:
Back
Auto Capture / Play
Capture / Forward
Event List
Simulation
Connections
Copper Cross-Over
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete
Successful
PC0
PC1
ICMP
0.000
N
0
(edit)
(delete)
In Progress
PC0
PC1
ICMP
0.000
N
1
(edit)
(delete)