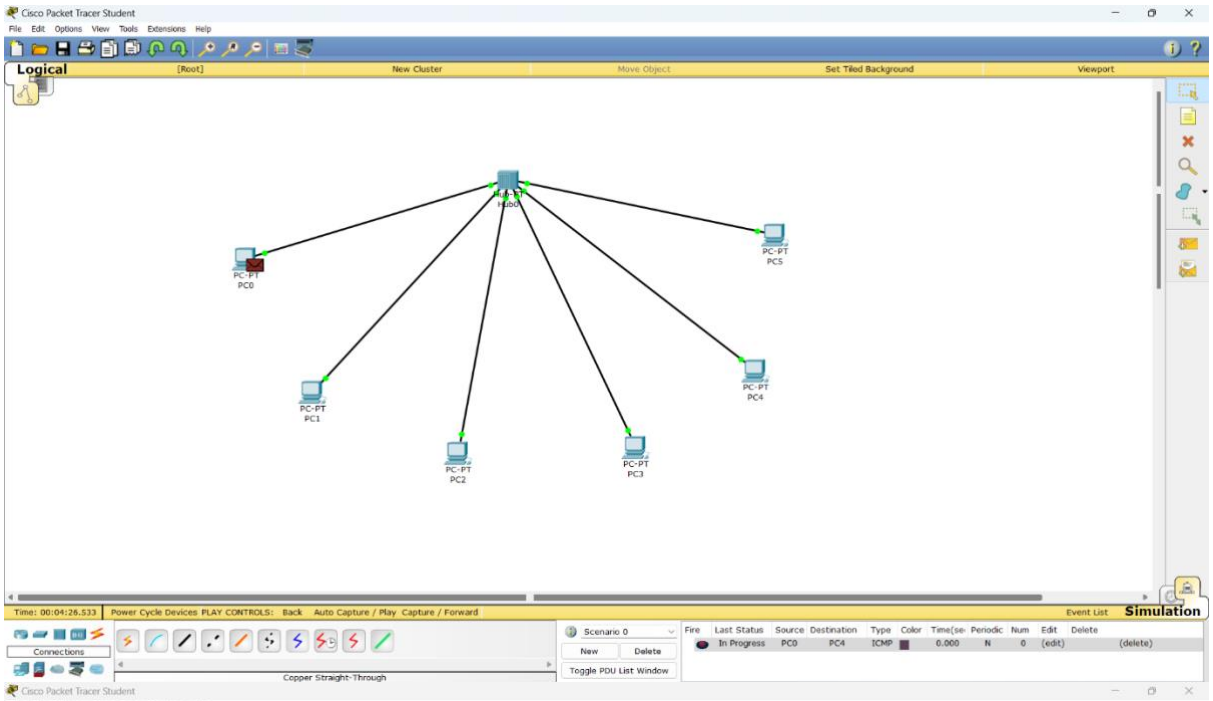
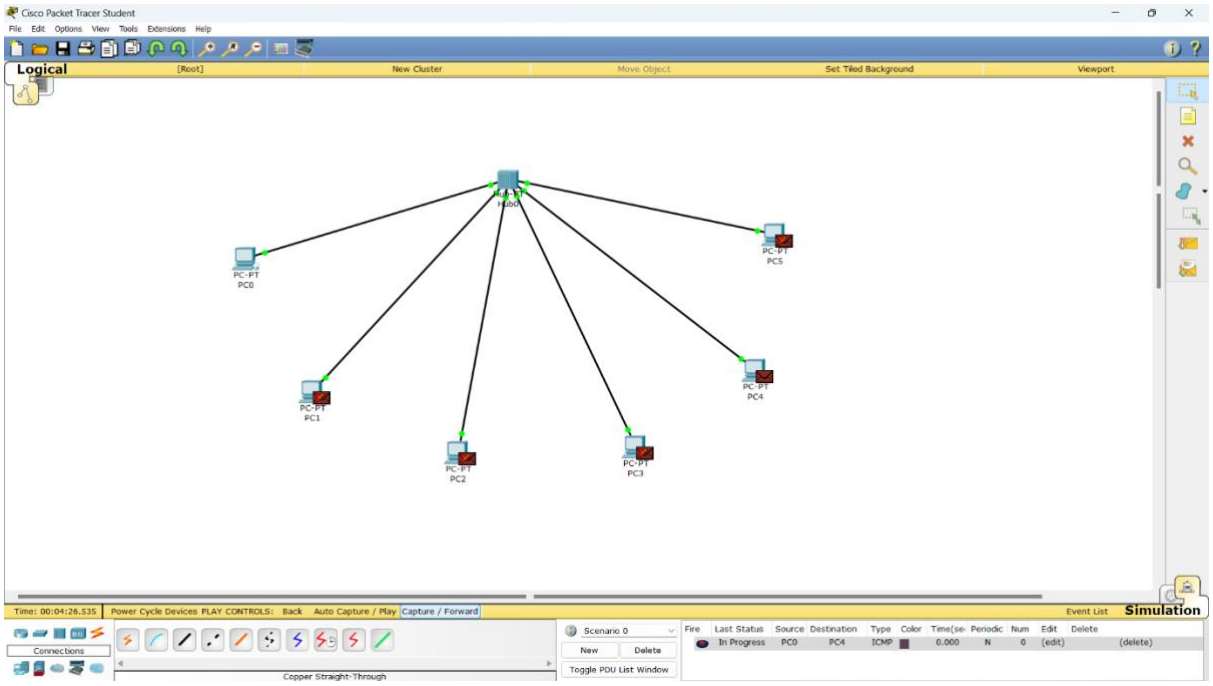
CN LAB 1

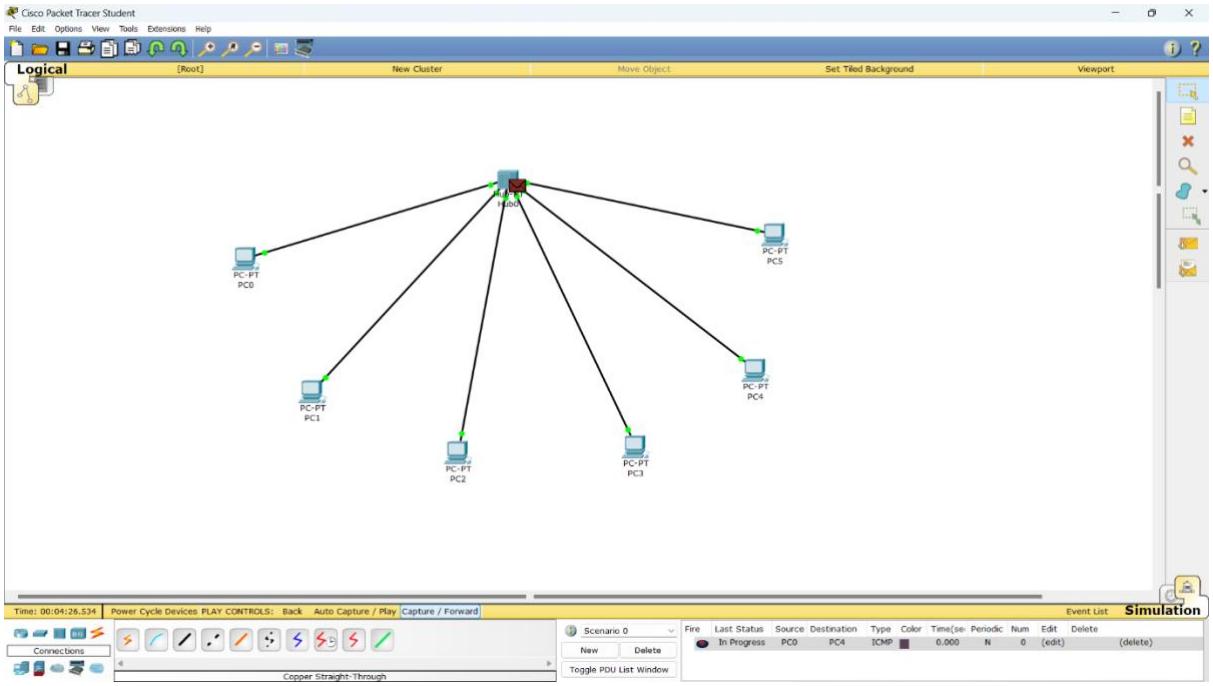
AIM: Create a topology and simulate sending a simple PDU from source to destination using hub and switch as connecting devices and demonstrate ping message.

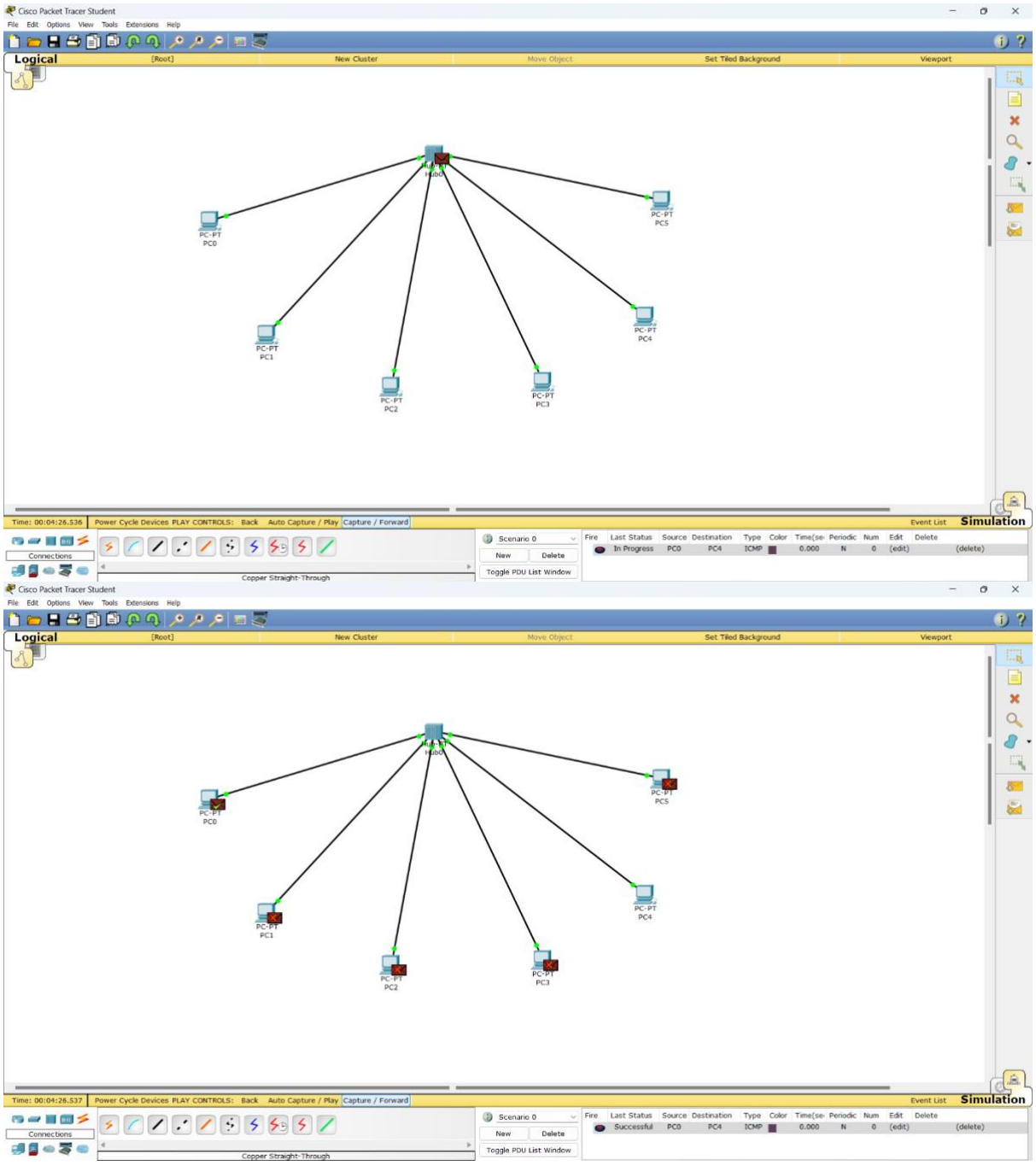
SCREENSHOTS

USING HUB:

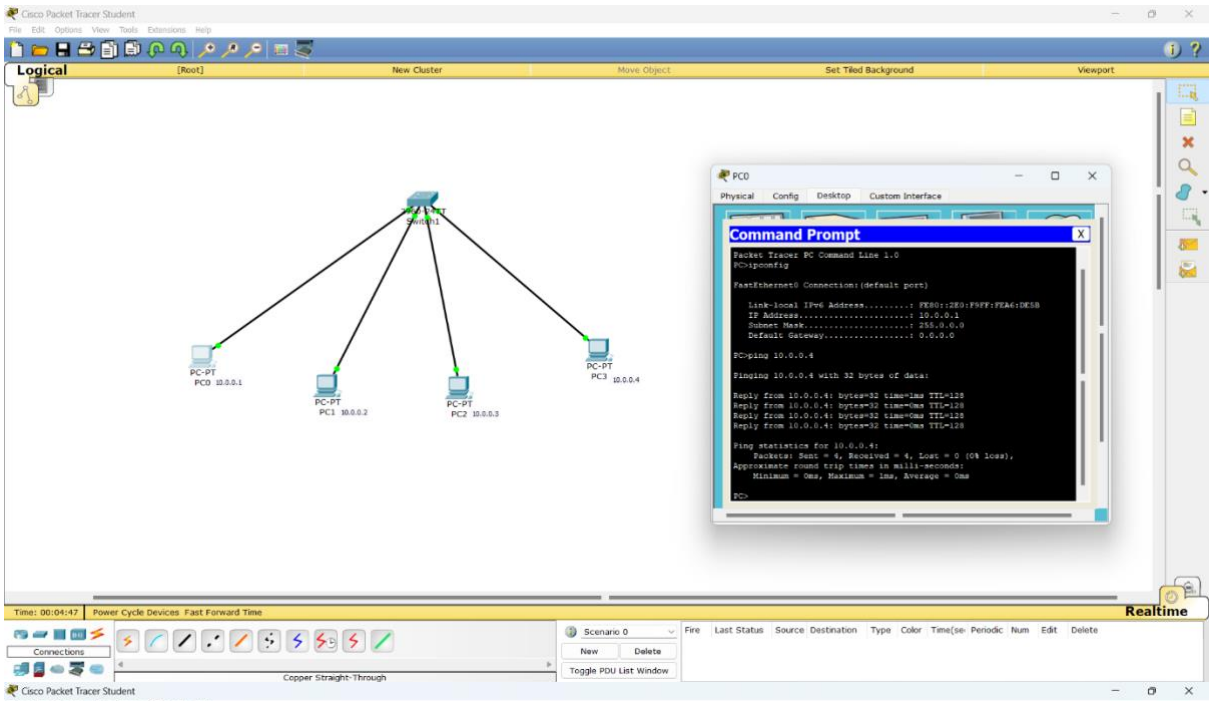


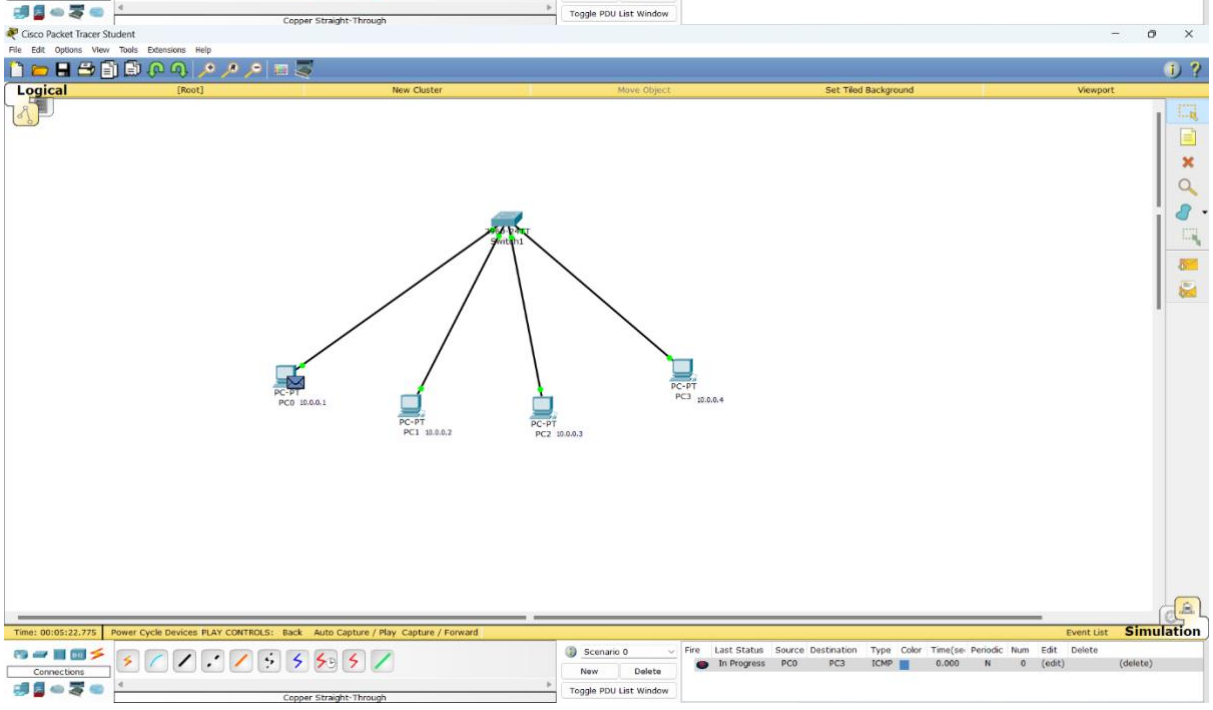

Cisco Packet Tracer Student
File Edit Options View Tools Extensions Help
Logical
[Root]
New Cluster
Move Object
Set Tiled Background
Viewport
PC-PT PC0
PC-PT PC1
PC-PT PC2
PC-PT PC3
PC-PT PC4
PC-PT PC5
Time: 00:04:26.535
Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward
Event List
Simulation
Connections
Copper Straight-Through
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(se Periodic Num Edit Delete
In Progress PC0 PC4 ICMP 0.000 N 0 (edit) (delete)

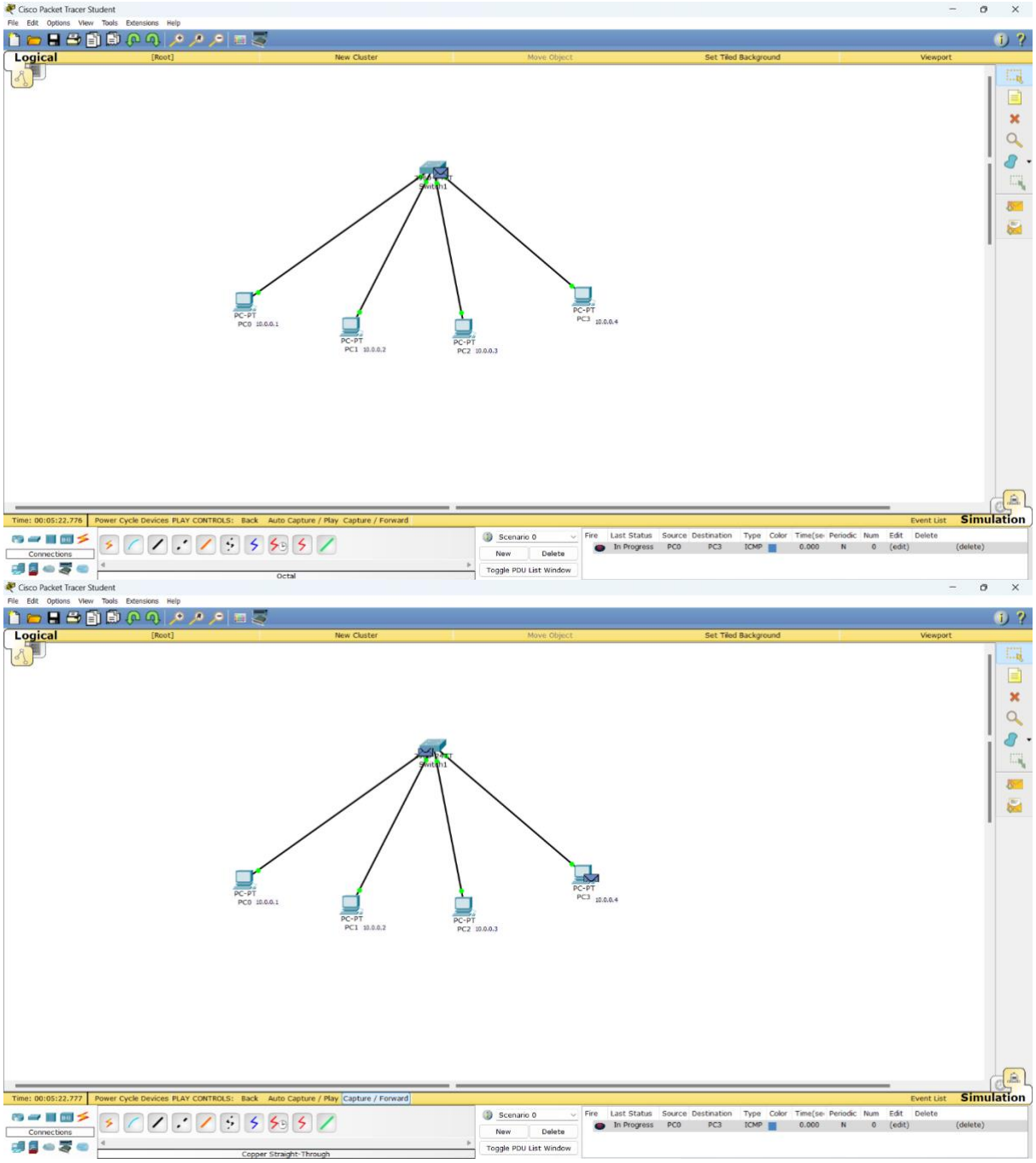

Cisco Packet Tracer Student
File Edit Options View Tools Extensions Help
Logical
[Root]
New Cluster
Move Object
Set Tiled Background
Viewport
PC-PT PC0
PC-PT PC1
PC-PT PC2
PC-PT PC3
PC-PT PC4
PC-PT PC5
Time: 00:04:26.534
Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward
Event List
Simulation
Connections
Copper Straight-Through
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(se Periodic Num Edit Delete
In Progress PC0 PC4 ICMP 0.000 N 0 (edit) (delete)

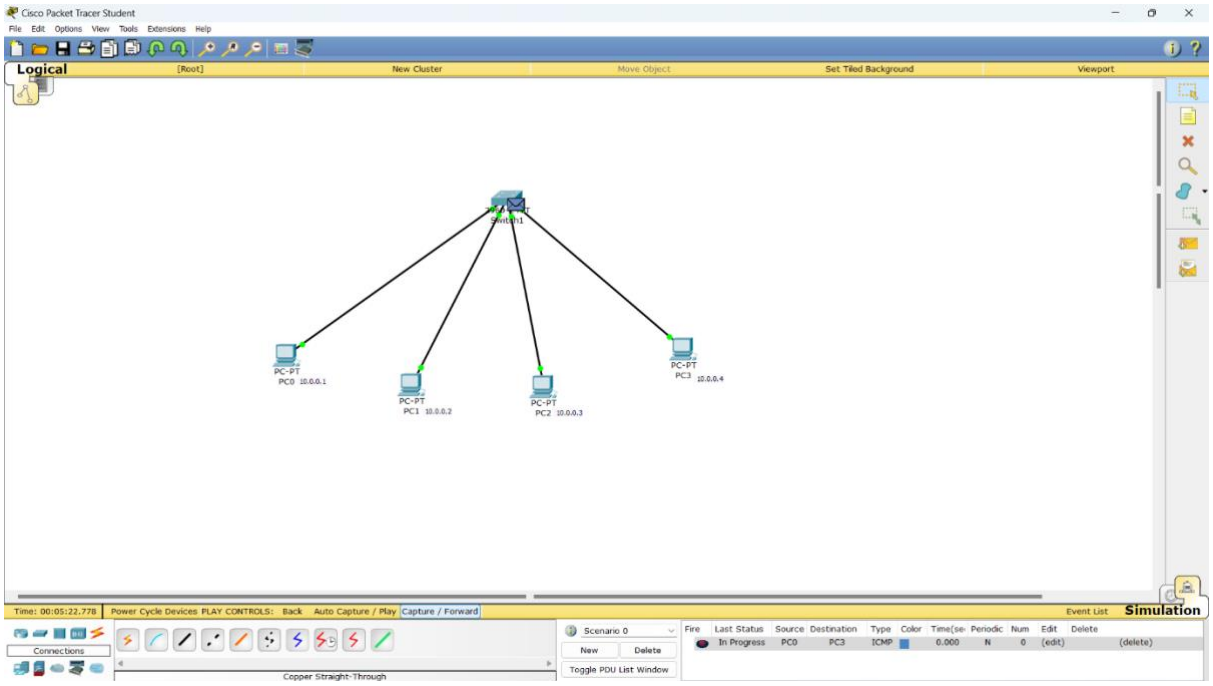

Cisco Packet Tracer Student
Logical
PC-PT PC0
PC-PT PC1
PC-PT PC2
PC-PT PC3
PC-PT PC4
PC-PT PC5
Simulation
Cisco Packet Tracer Student
Logical
PC-PT PC0
PC-PT PC1
PC-PT PC2
PC-PT PC3
PC-PT PC4
PC-PT PC5
Simulation

USING SWITCH:

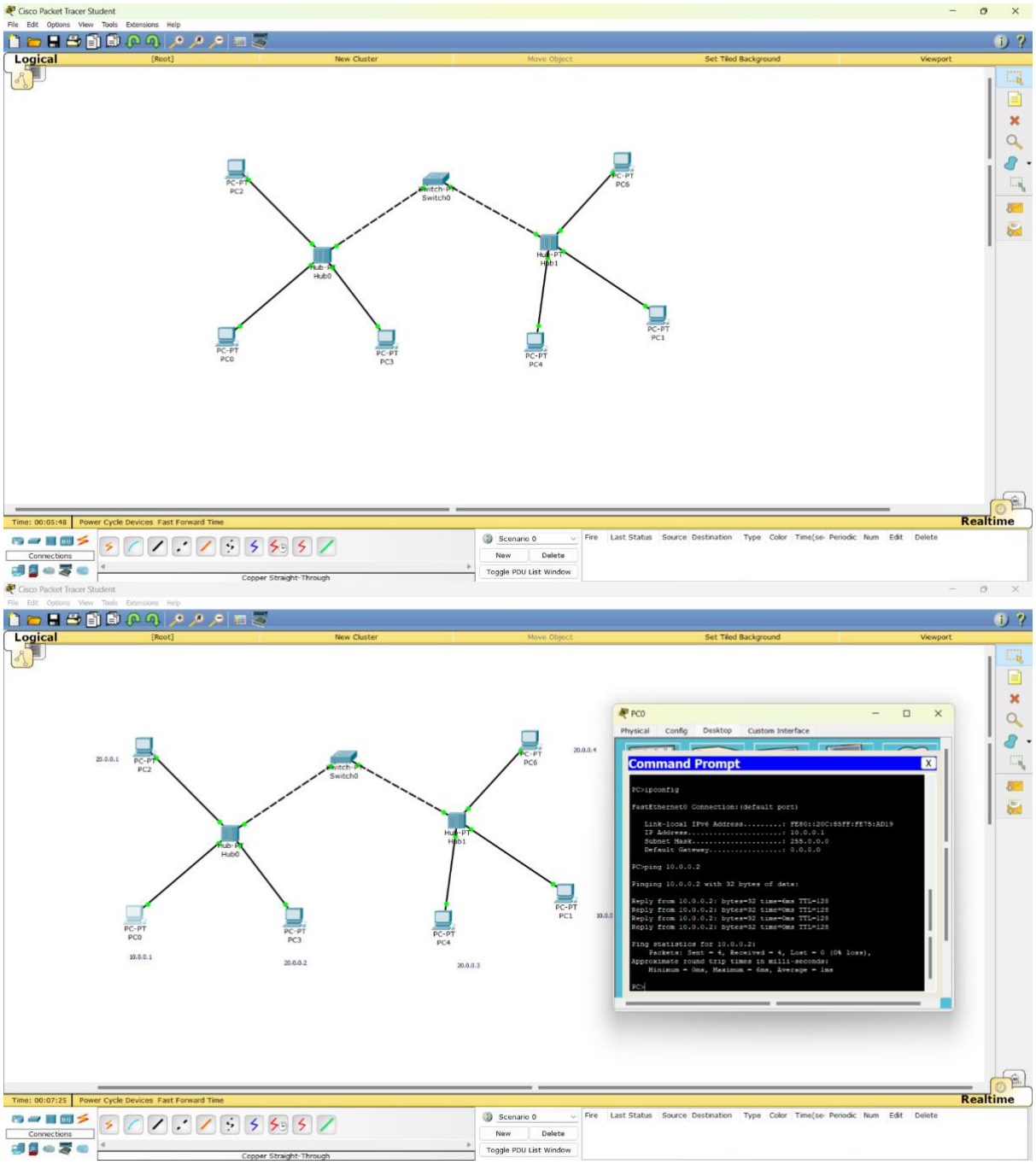


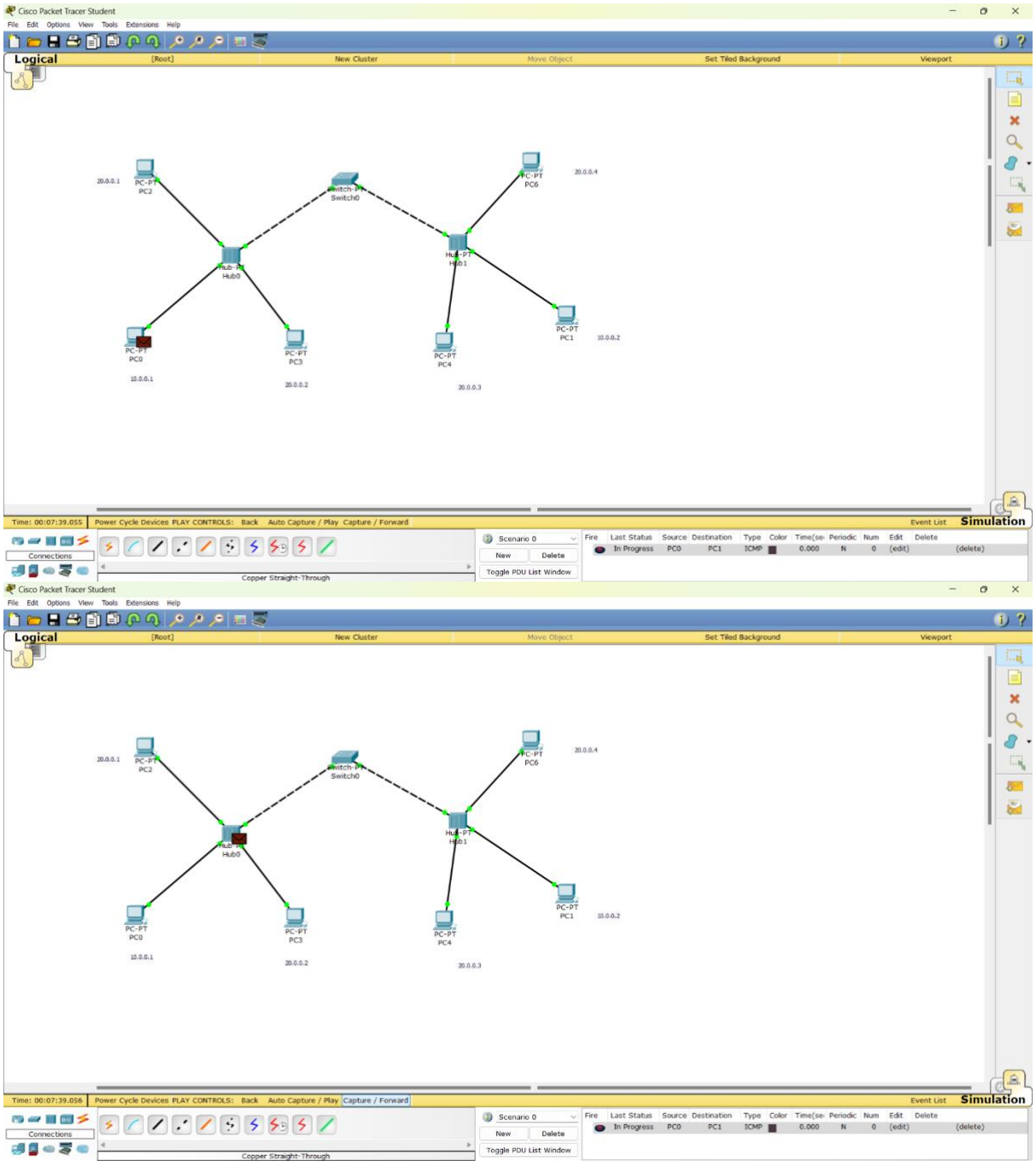


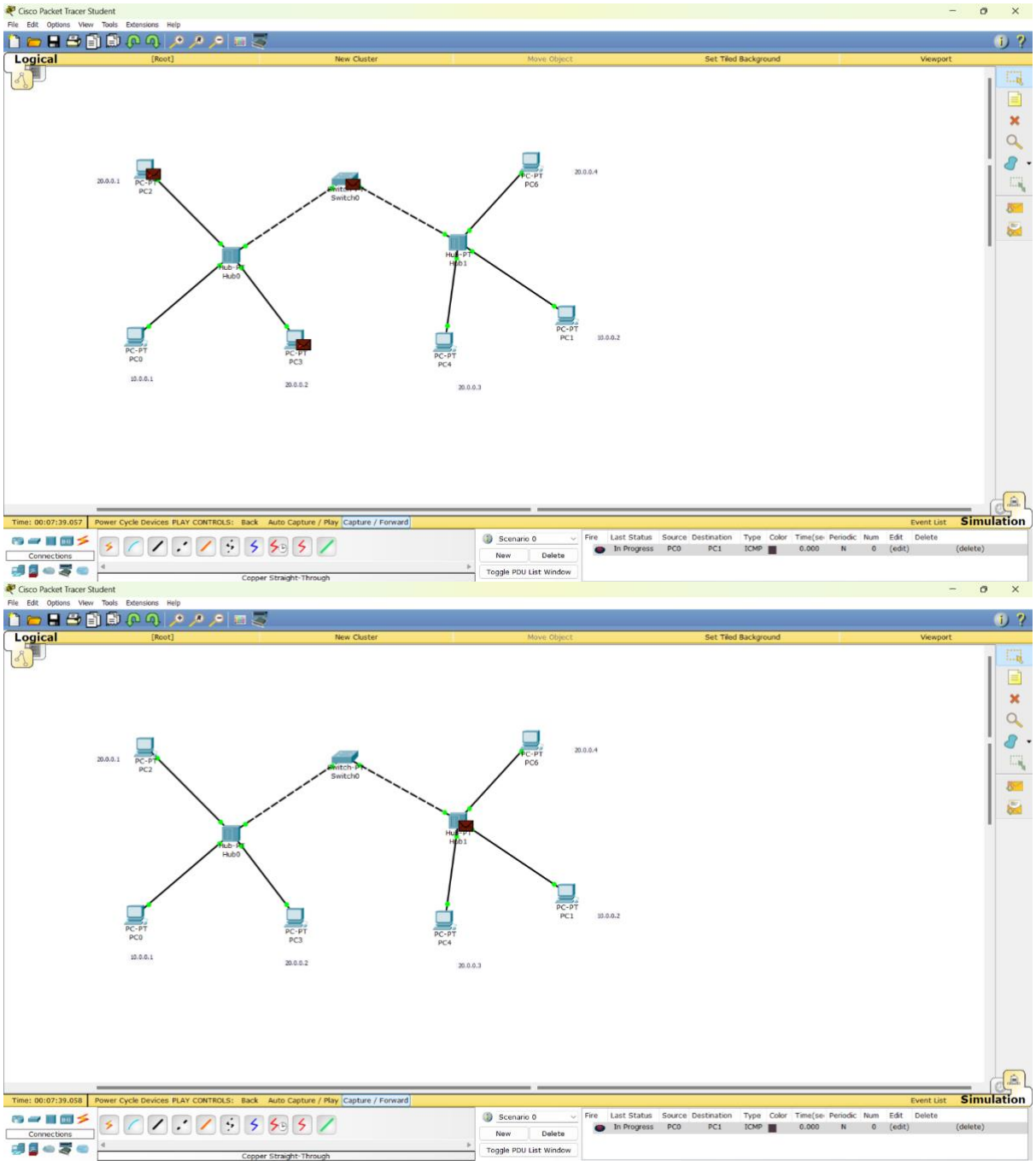

Cisco Packet Tracer Student
Logical
PC-PT PC0 10.0.0.1
PC-PT PC1 10.0.0.2
PC-PT PC2 10.0.0.3
PC-PT PC3 10.0.0.4
Simulation
Cisco Packet Tracer Student
Logical
PC-PT PC0 10.0.0.1
PC-PT PC1 10.0.0.2
PC-PT PC2 10.0.0.3
PC-PT PC3 10.0.0.4
Simulation


Cisco Packet Tracer Student
File Edit Options View Tools Extensions Help
Logical
[Root]
New Cluster
Move Object
Set Tiled Background
Viewport
Switch1
PC-PT PC0 10.0.0.1
PC-PT PC1 10.0.0.2
PC-PT PC2 10.0.0.3
PC-PT PC3 10.0.0.4
Time: 00:05:22.778
Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward
Event List
Simulation
Connections
Copper Straight-Through
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(se Periodic Num Edit Delete
In Progress PC0 PC3 ICMP 0.000 N 0 (edit) (delete)

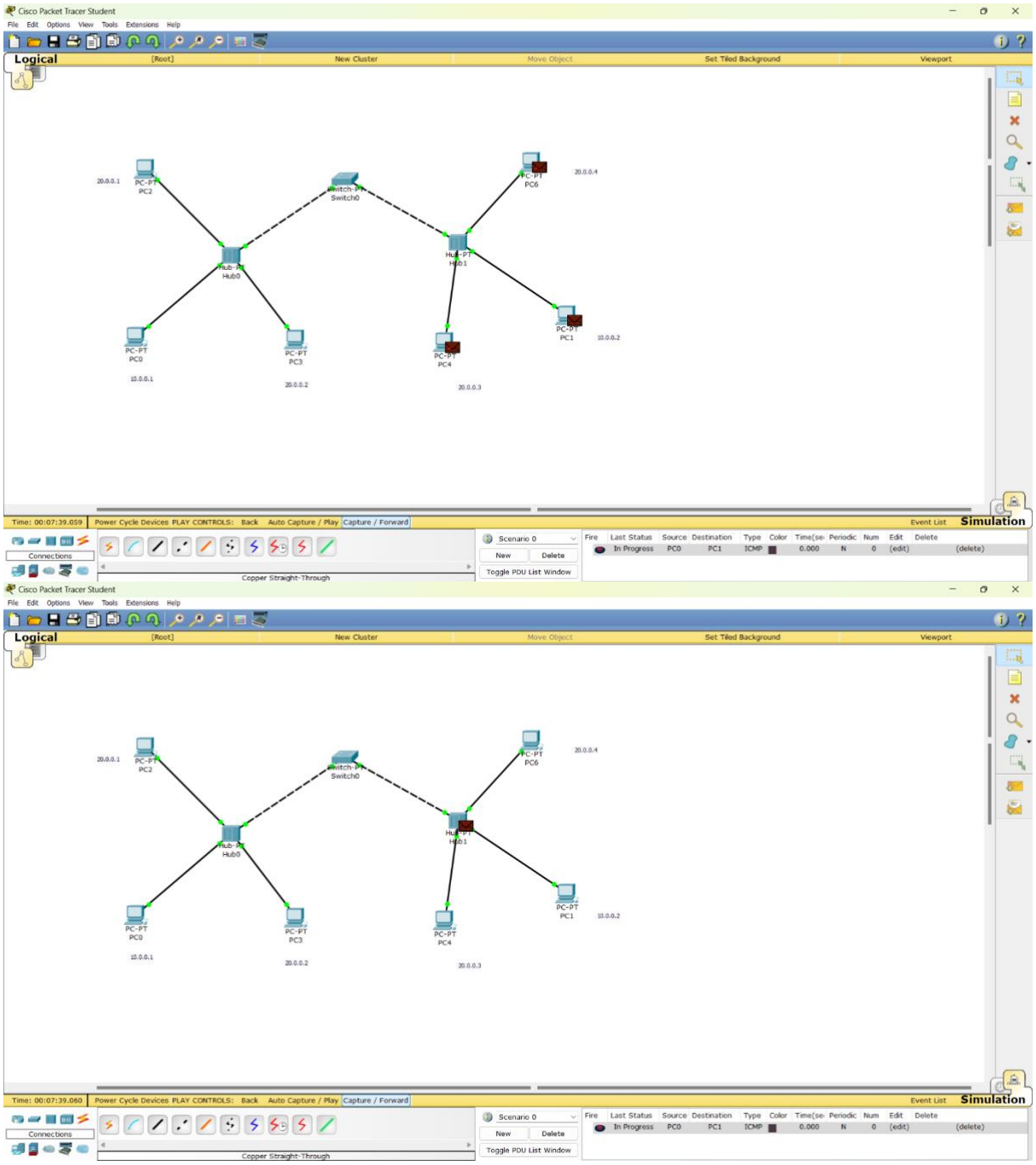
USING HUB AND SWITCH:

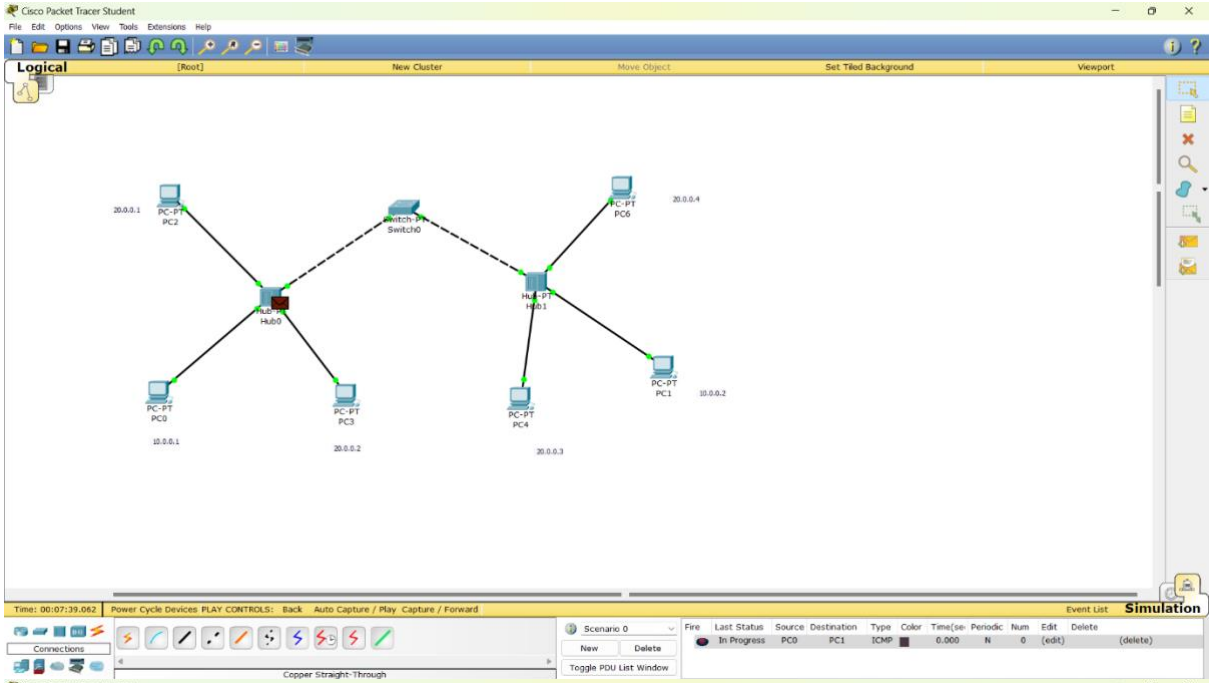


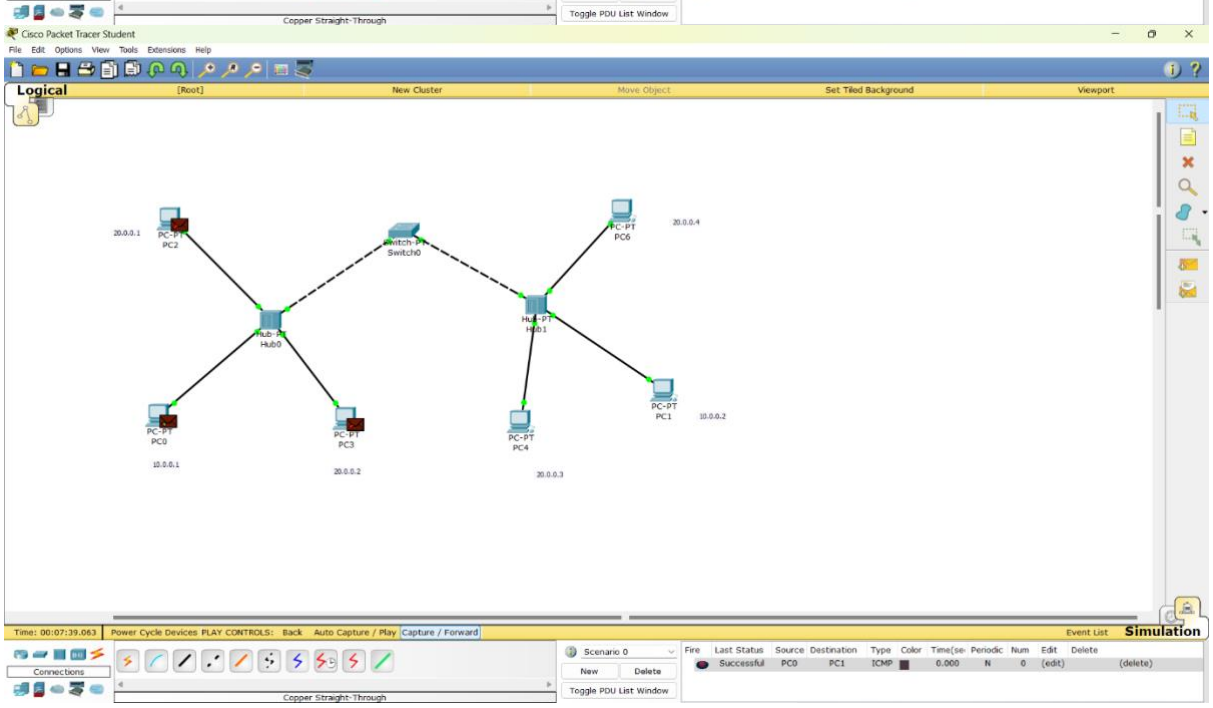

Cisco Packet Tracer Student
Logical
PC-PT PC2
Switch-PT Switch0
PC-PT PC6
Hub-PT Hub0
Hub-PT Hub1
PC-PT PC0
PC-PT PC3
PC-PT PC4
PC-PT PC1
Simulation
Copper Straight-Through


Cisco Packet Tracer Student
Logical
[Root]
New Cluster
Move Object
Set Tiled Background
Viewport
PC-PT PC2
Switch0
PC-PT PC6
Hub-PT Hub0
Hub-PT Hub1
PC-PT PC0
PC-PT PC3
PC-PT PC4
PC-PT PC1
20.0.0.1
20.0.0.4
10.0.0.1
20.0.0.2
20.0.0.3
10.0.0.2
Time: 00:07:39.057
Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward
Event List
Simulation
Connections
Copper Straight-Through
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(se Periodic Num Edit Delete
In Progress PC0 PC1 ICMP 0.000 N 0 (edit) (delete)

Cisco Packet Tracer Student
Logical
[Root]
New Cluster
Move Object
Set Tiled Background
Viewport
PC-PT PC2
Switch0
PC-PT PC6
Hub-PT Hub0
Hub-PT Hub1
PC-PT PC0
PC-PT PC3
PC-PT PC4
PC-PT PC1
20.0.0.1
20.0.0.4
10.0.0.1
20.0.0.2
20.0.0.3
10.0.0.2
Time: 00:07:39.058
Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward
Event List
Simulation
Connections
Copper Straight-Through
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(se Periodic Num Edit Delete
In Progress PC0 PC1 ICMP 0.000 N 0 (edit) (delete)


Cisco Packet Tracer Student
Logical
PC-PT PC2
Switch-PT Switch0
PC-PT PC6
Hub-PT Hub0
Hub-PT Hub1
PC-PT PC0
PC-PT PC3
PC-PT PC4
PC-PT PC1
Simulation


Cisco Packet Tracer Student
Logical
[Root]
New Cluster
Move Object
Set Tiled Background
Viewport
PC-PT
PC2
Switch-PT
Switch0
PC-PT
PC6
Hub-PT
Hub0
Hub-PT
Hub1
PC-PT
PC0
PC-PT
PC3
PC-PT
PC4
PC-PT
PC1
Time: 00:07:39.062
Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward
Event List
Simulation
Connections
Copper Straight-Through
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(se Periodic Num Edit Delete
In Progress PC0 PC1 ICMP 0.000 N 0 (edit) (delete)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Logical
[Root]
New Cluster
Move Object
Set Tiled Background
Viewport
PC-PT
PC2
Switch-PT
Switch0
PC-PT
PC6
Hub-PT
Hub0
Hub-PT
Hub1
PC-PT
PC0
PC-PT
PC3
PC-PT
PC4
PC-PT
PC1
Time: 00:07:39.063
Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward
Event List
Simulation
Connections
Copper Straight-Through
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(se Periodic Num Edit Delete
Successful PC0 PC1 ICMP 0.000 N 0 (edit) (delete)