Name: Preyash **Date: 03-03-2022**

Registration Number: 20BPS1022

LAB-07

CISCO Packet Tracer

Aim: To design different types of topologies in CISCO Packet Tracer and transfer data through the end devices as directed.

1.) Bus Topology

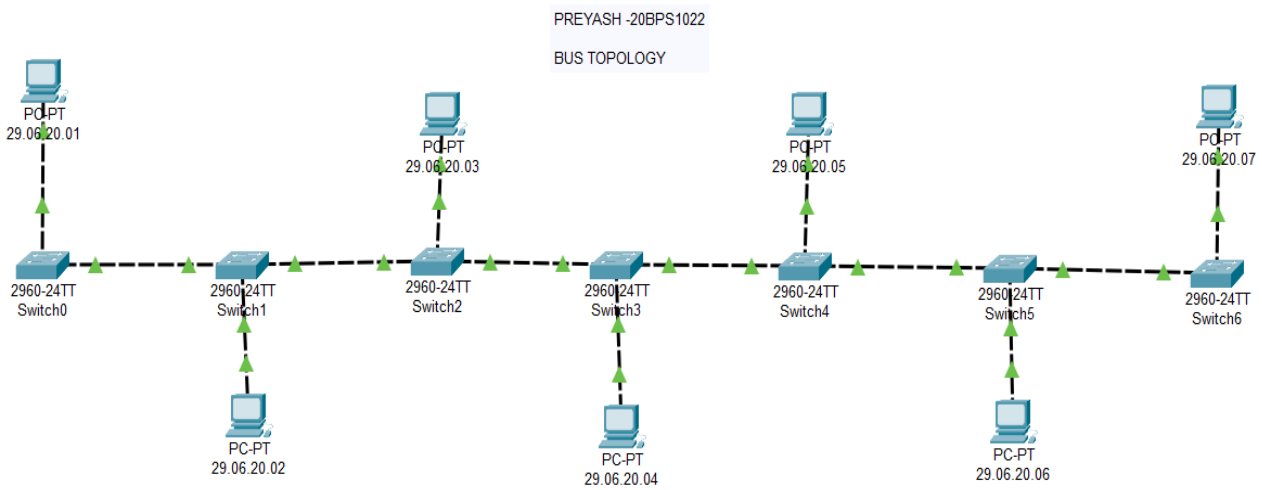
Designing:

PC2-> PC3

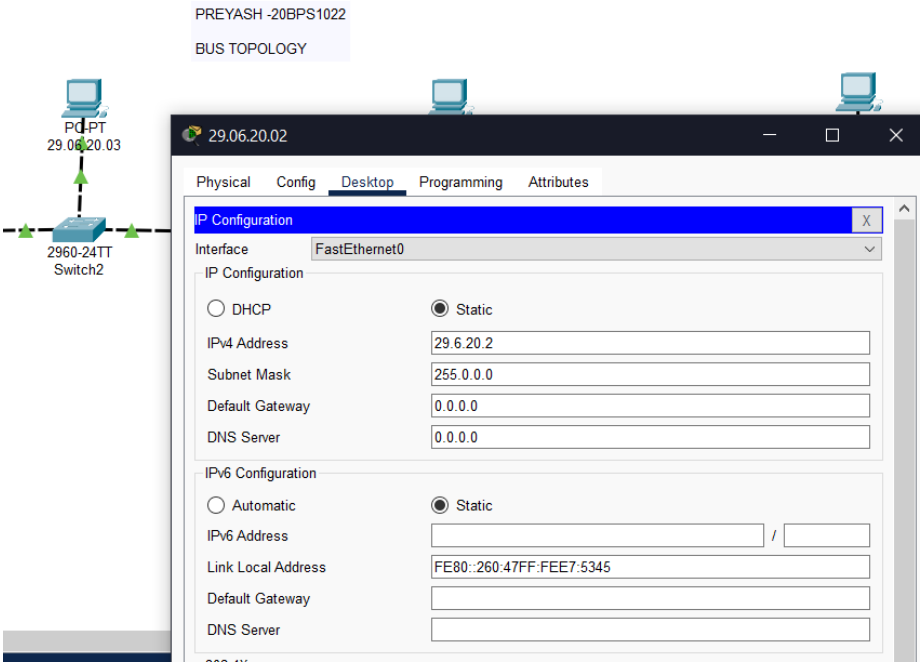
I.P. Address:

PC2: 29.06.20.02

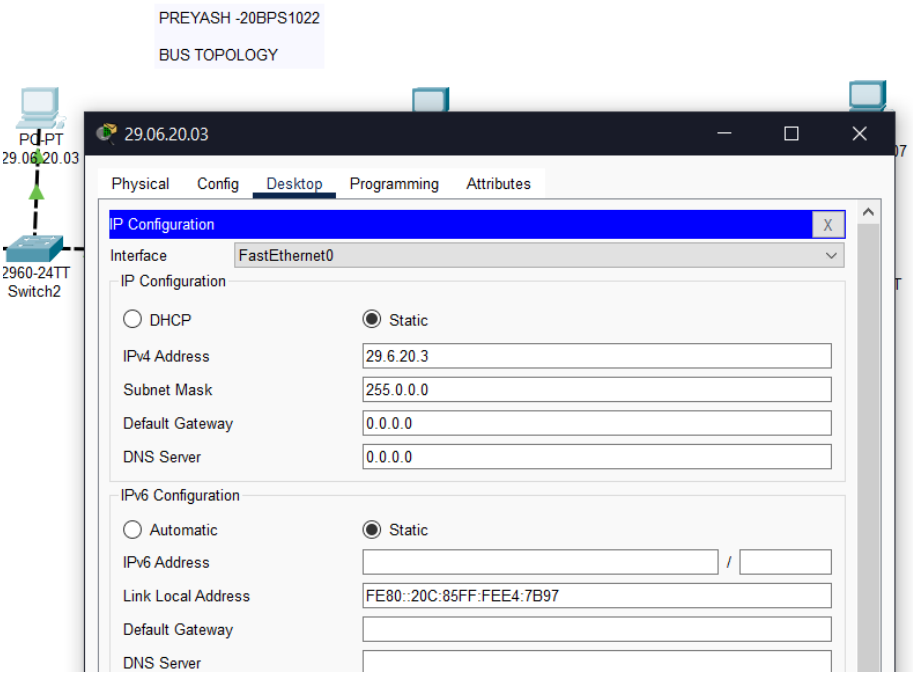
PC3: 29.06.20.03



Source:

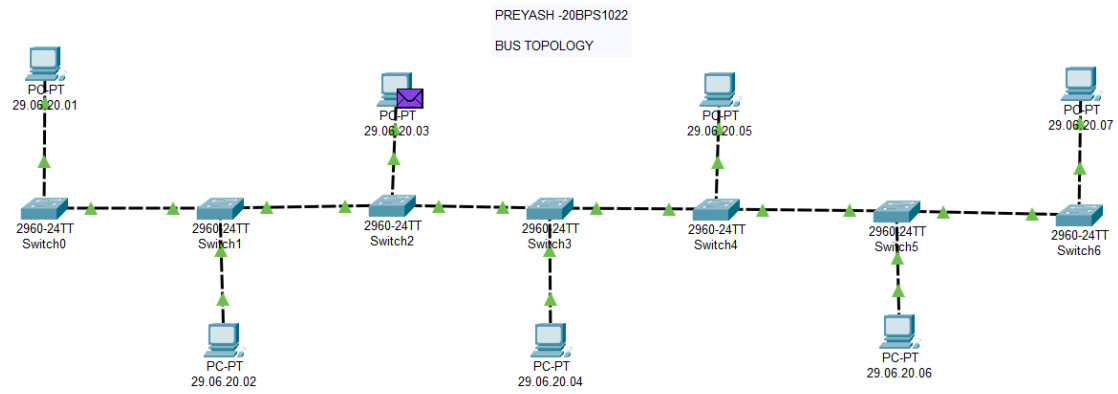


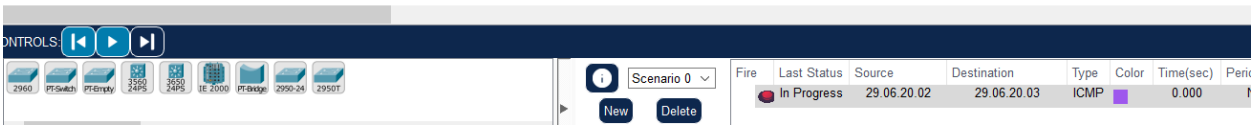
Destination:



Success:

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	29.06.20.02	29.06.20.03	ICMP		0.000	N	0	(edit)	





2.) Star Topology

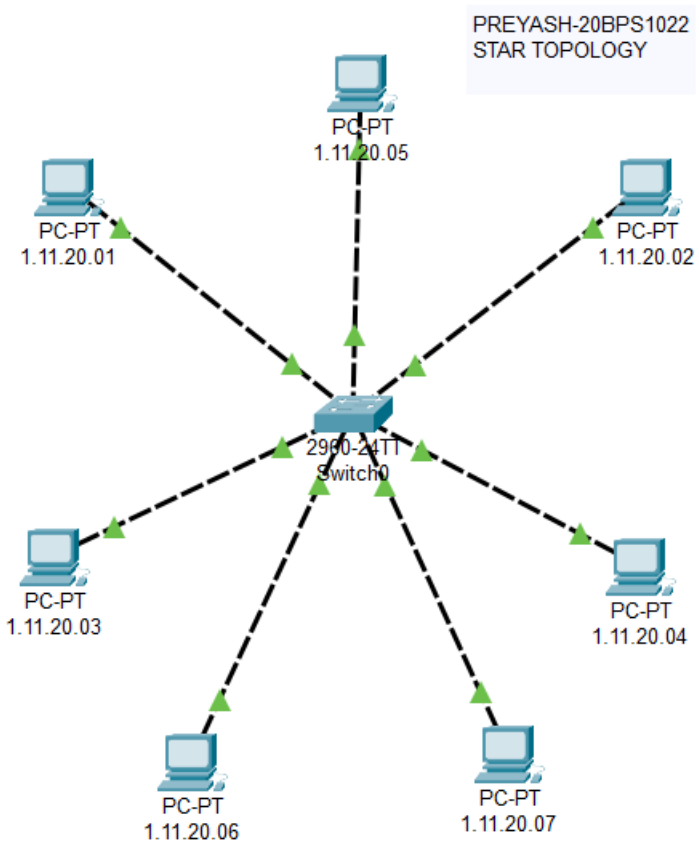
Designing:

PC0-> PC5

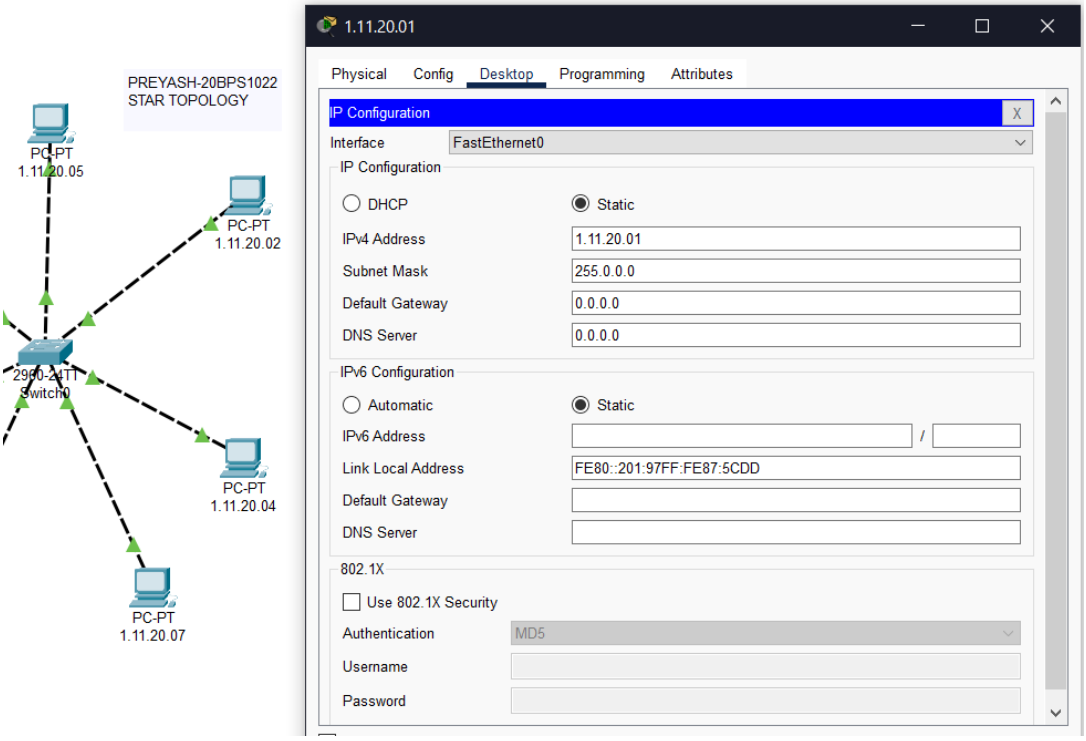
I.P. Address:

PC0: 1.11.20.01

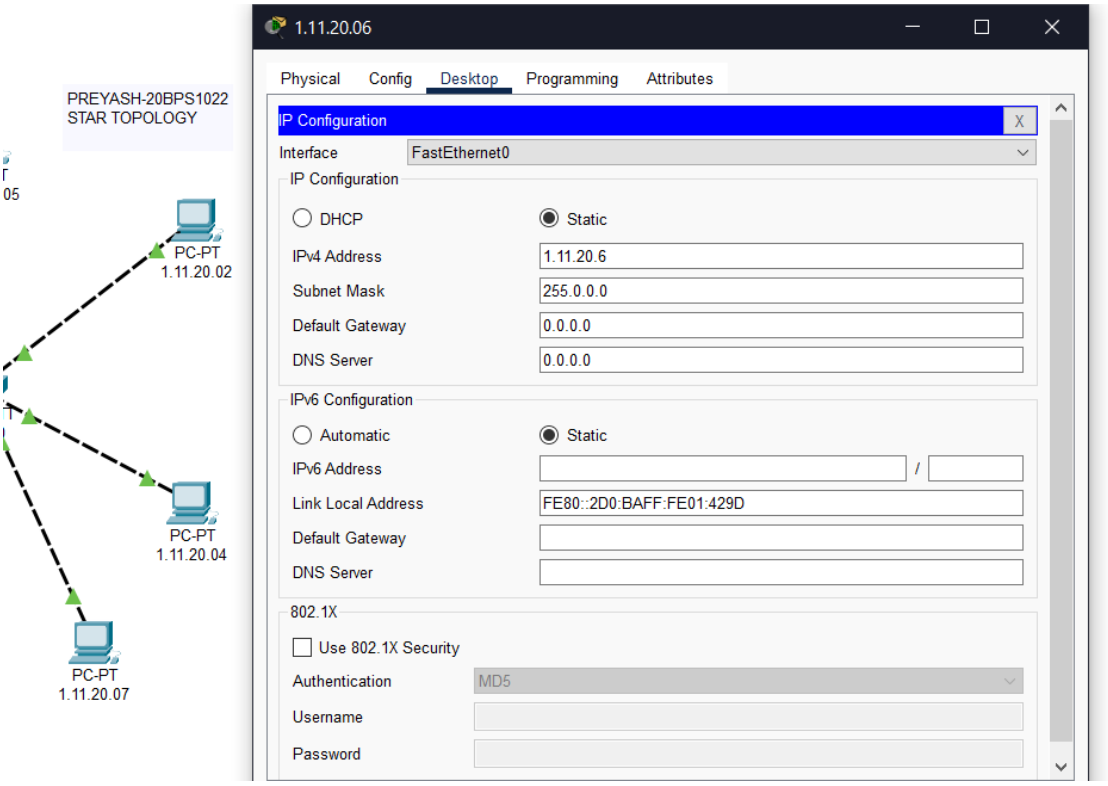
PC5: 1.11.20.06



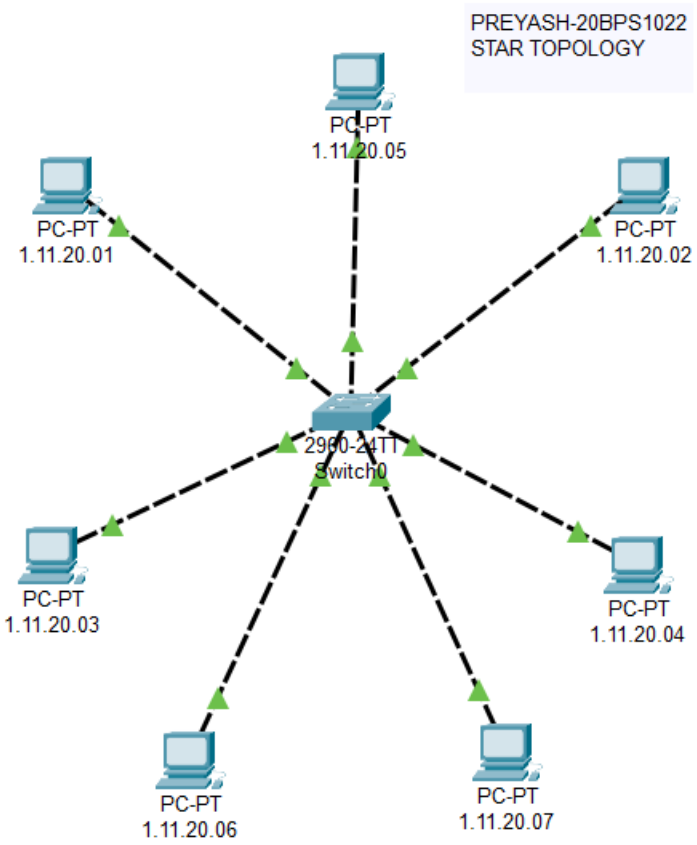
Source:



Destination:



Success:



Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	1.11.20.01	1.11.20.06	ICMP		0.000	N	0	(edit)	

3.) Ring Topology

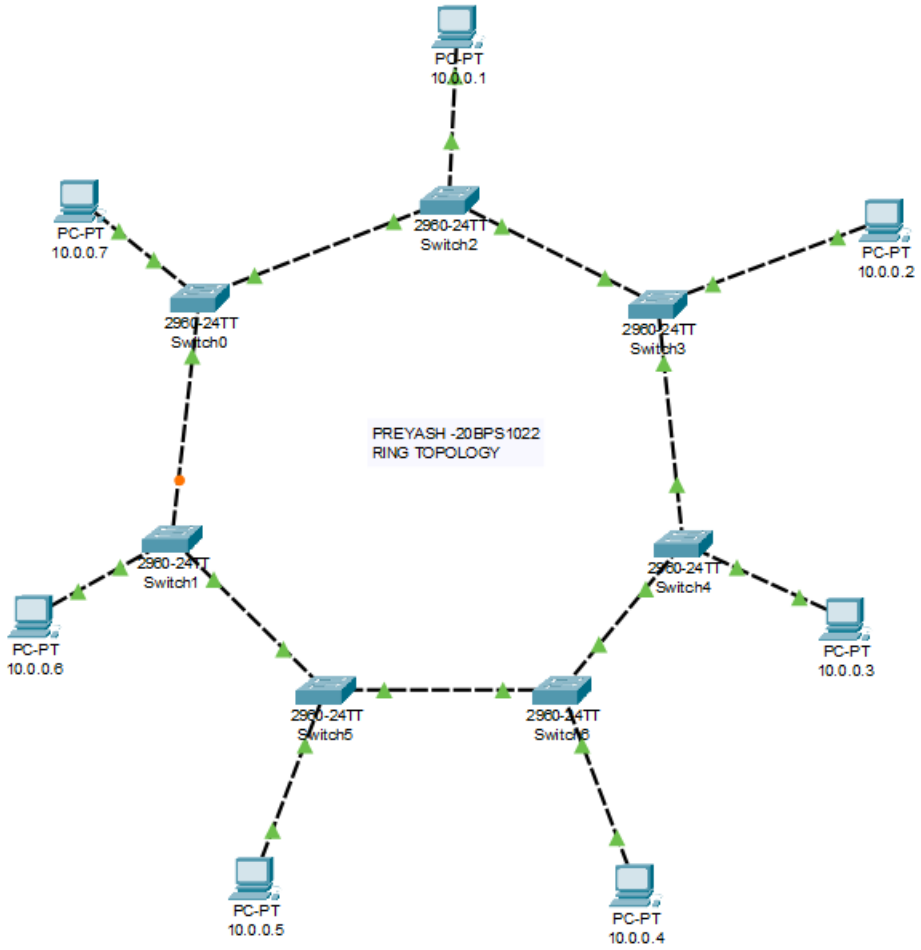
Designing:

PC6-> PC0

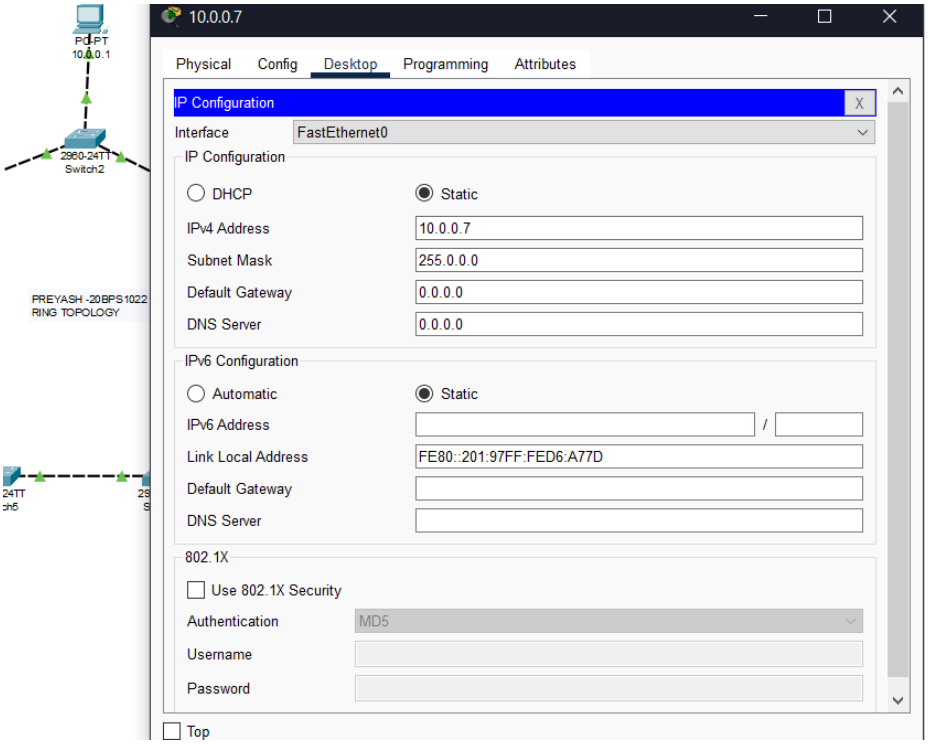
I.P. Address:

PC0: 10.0.0.1

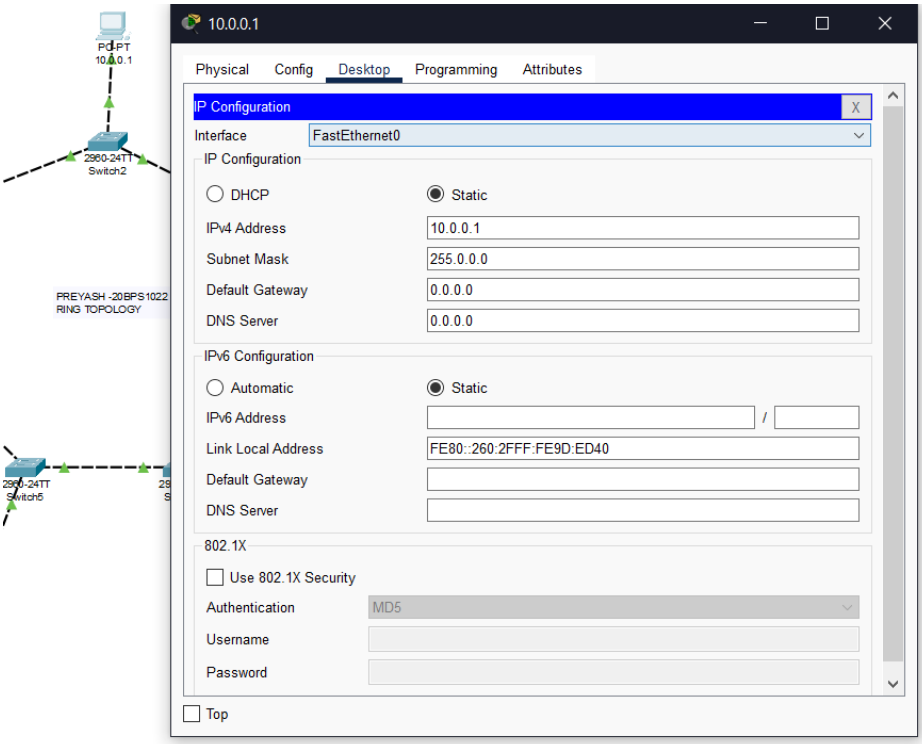
PC6: 10.0.0.7



Source:

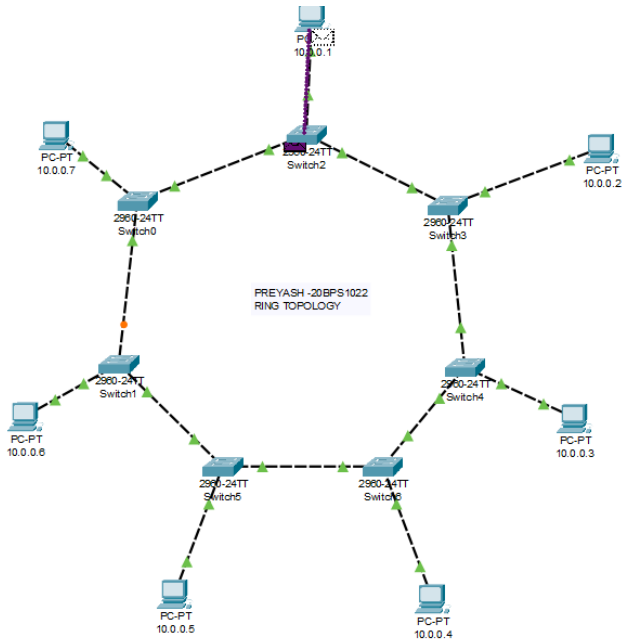


Destination:



Success:

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	10.0.0.7	10.0.0.1	ICMP		0.000	N	0	(edit)	



4.) Mesh Topology

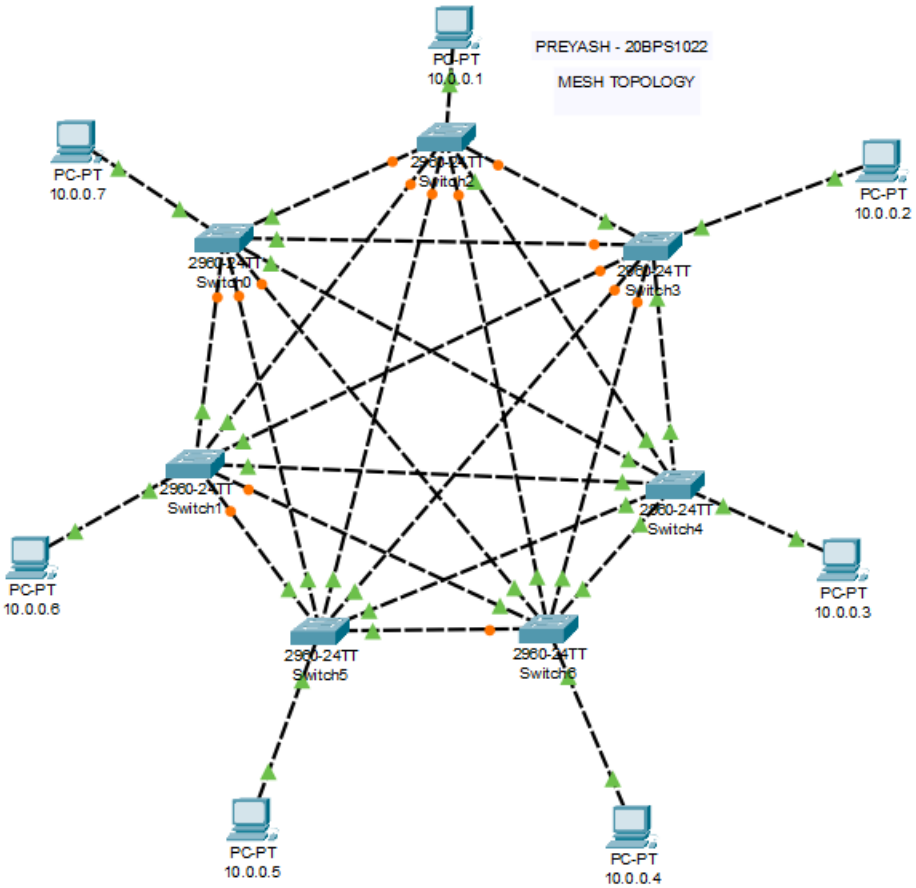
Designing:

PC1-> PC4

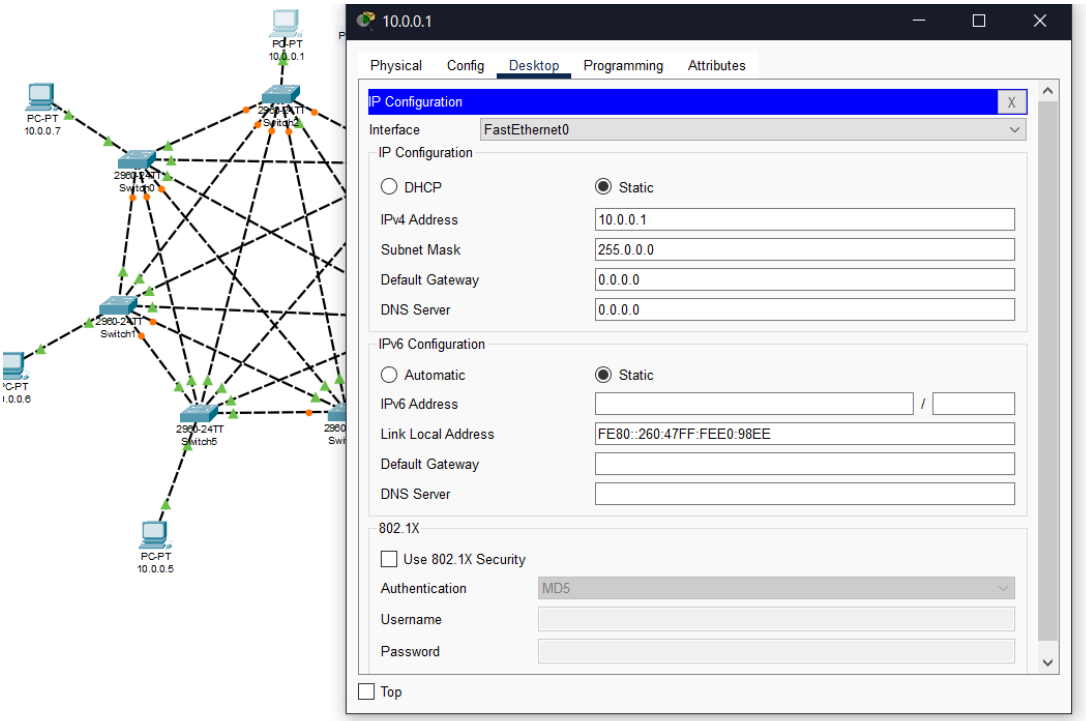
I.P. Address:

PC1: 10.0.0.1

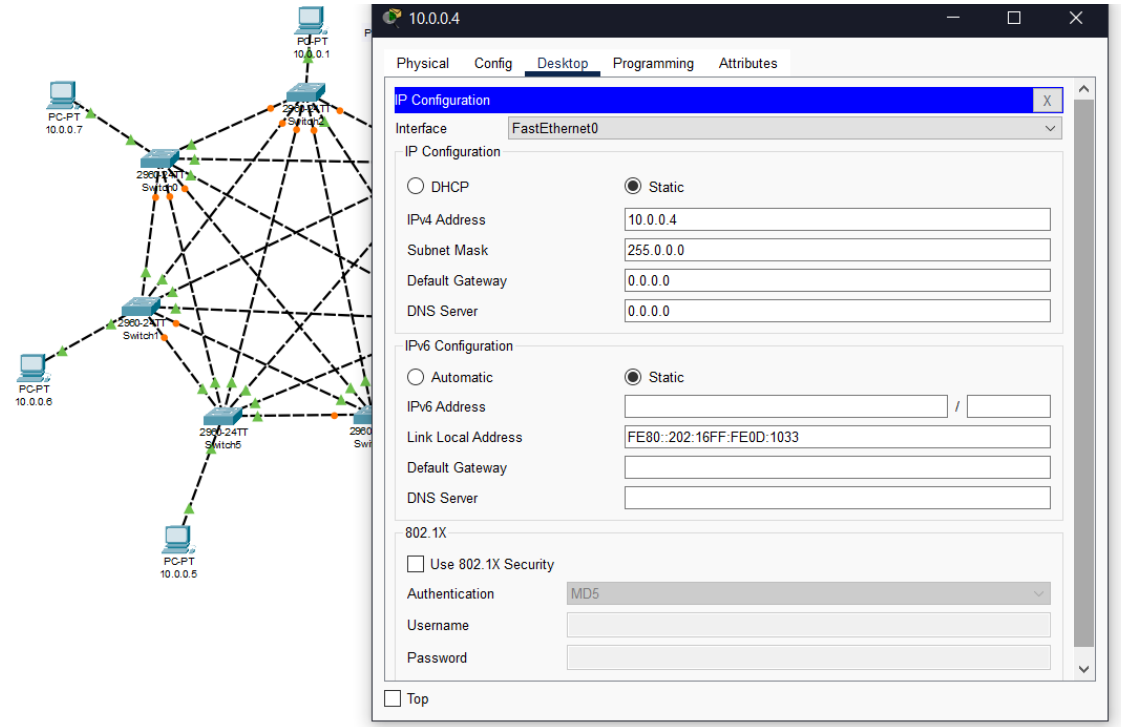
PC4: 10.0.0.4



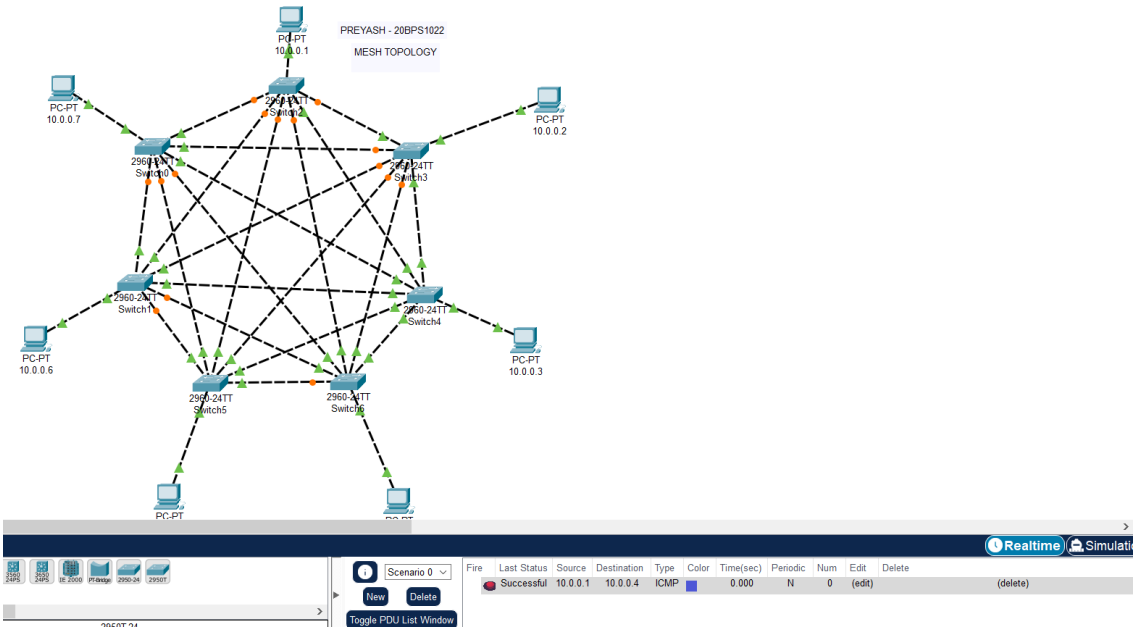
Source:

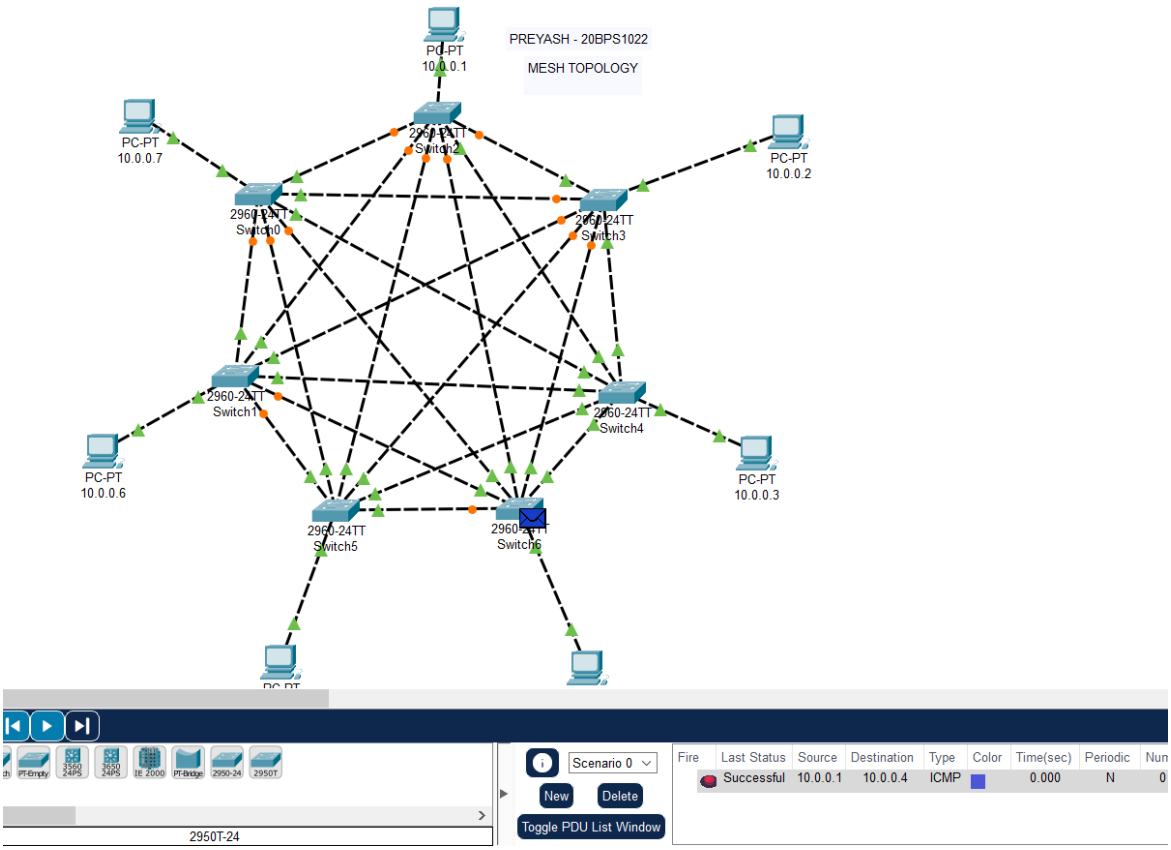


Destination:



Success:


PREYASH - 20BPS1022
MESH TOPOLOGY
PC-PT 10.0.0.1
PC-PT 10.0.0.7
PC-PT 10.0.0.2
2960-24TT Switch0
2960-24TT Switch3
2960-24TT Switch1
2960-24TT Switch4
PC-PT 10.0.0.6
PC-PT 10.0.0.3
2960-24TT Switch5
2960-24TT Switch6
Realtime
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete
Successful
10.0.0.1
10.0.0.4
ICMP
0.000
N
0
(edit)
(delete)


PREYASH - 20BPS1022
MESH TOPOLOGY
PC-PT 10.0.0.1
PC-PT 10.0.0.7
PC-PT 10.0.0.2
2960-24TT Switch0
2960-24TT Switch3
2960-24TT Switch1
2960-24TT Switch4
PC-PT 10.0.0.6
PC-PT 10.0.0.3
2960-24TT Switch5
2960-24TT Switch6
2950T-24
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Successful
10.0.0.1
10.0.0.4
ICMP
0.000
N
0

Result: **We successfully designed the topologies and transferred the PDUs from the source to the destination.**