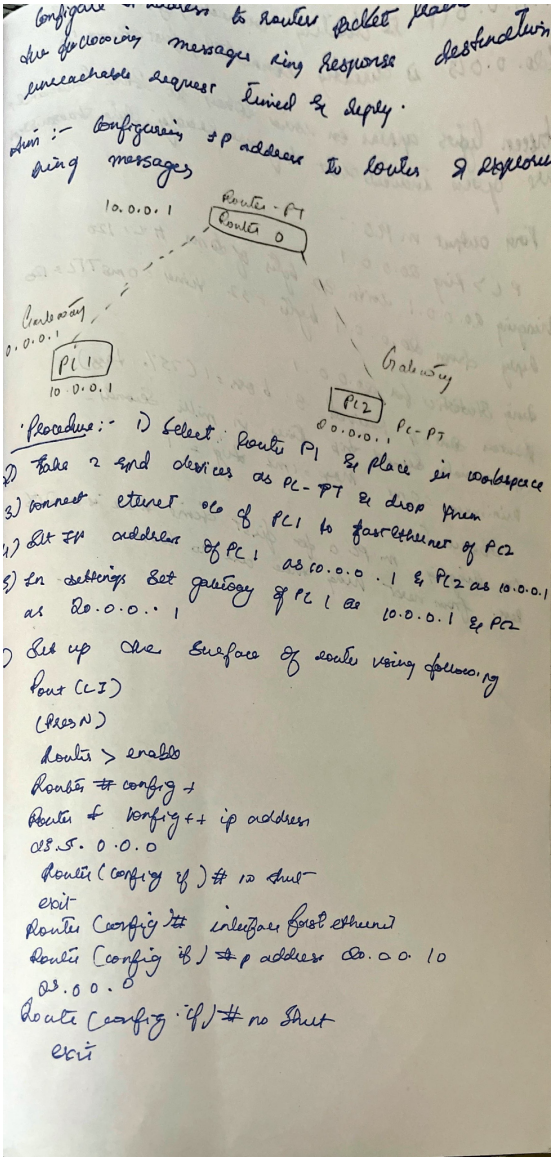
WEEK 3

Configure default route, static route to the Router.

OBSERVATION:



C10.0.0.6/8 is directly connected, FastEthernet 0/0
20.0.0.5 is directly connected, FastEthernet 1/0

Green lights appear on router when no Shut Commands are given indicating that they are ready data transmission

Ping output in PC0 :-

PC> Ping 20.0.0.1

Pinging 20.0.0.1 with 32 bytes of data: TTL: 120

Reply from 20.0.0.1 bytes=32 time=0ms TTL=120

Ping Statistics for 20.0.0.1

Packets Sent=4 Received 3: 6 ops = 1 (75% loss)

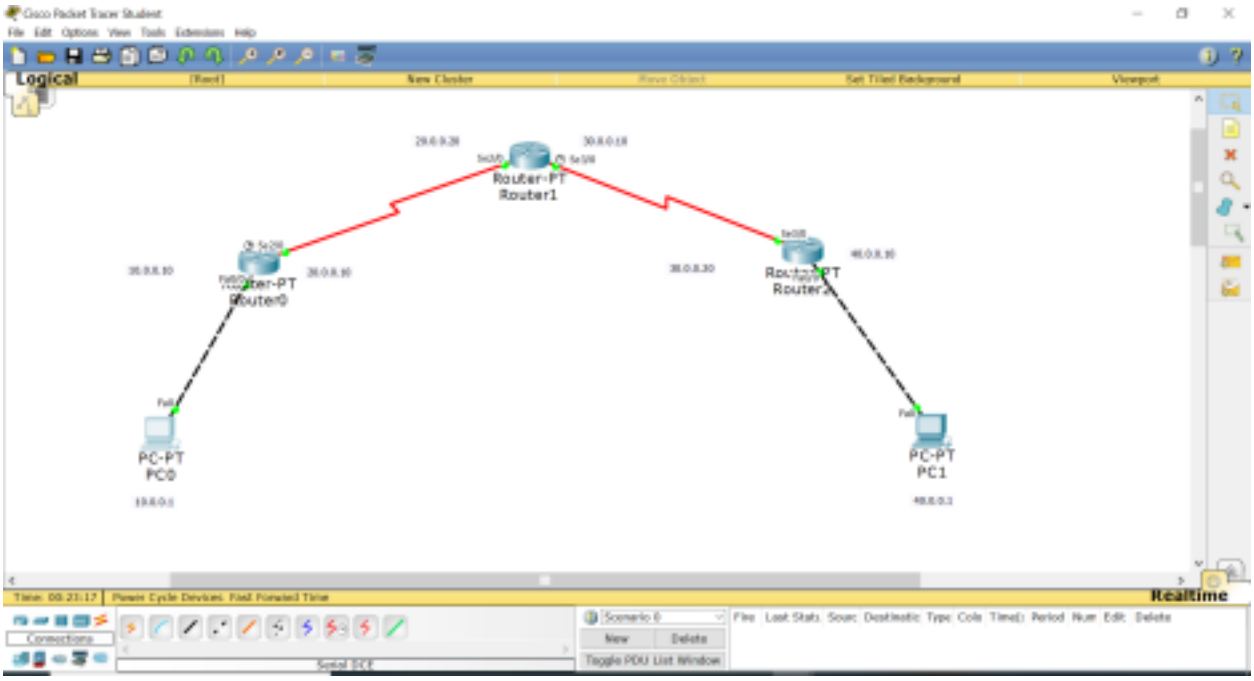
Approximate Round trip times in milli Seconds -

Minimum = 0 ms Max = 1 ms Avg = 1

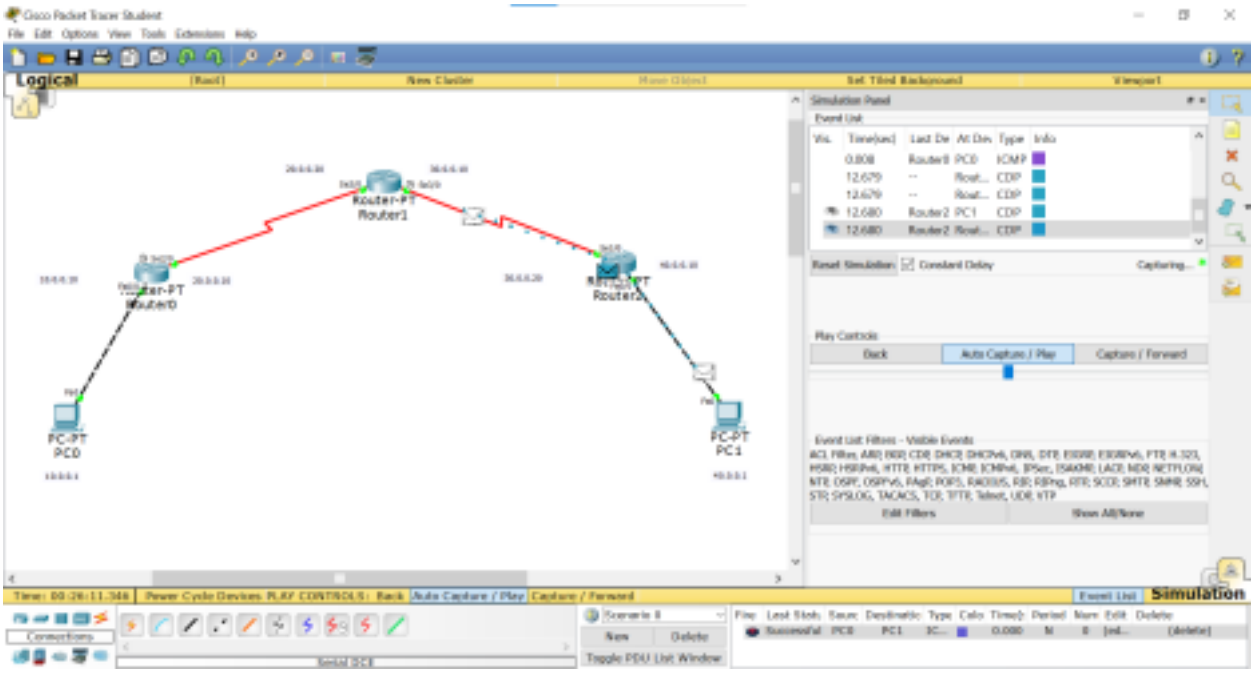
Observation

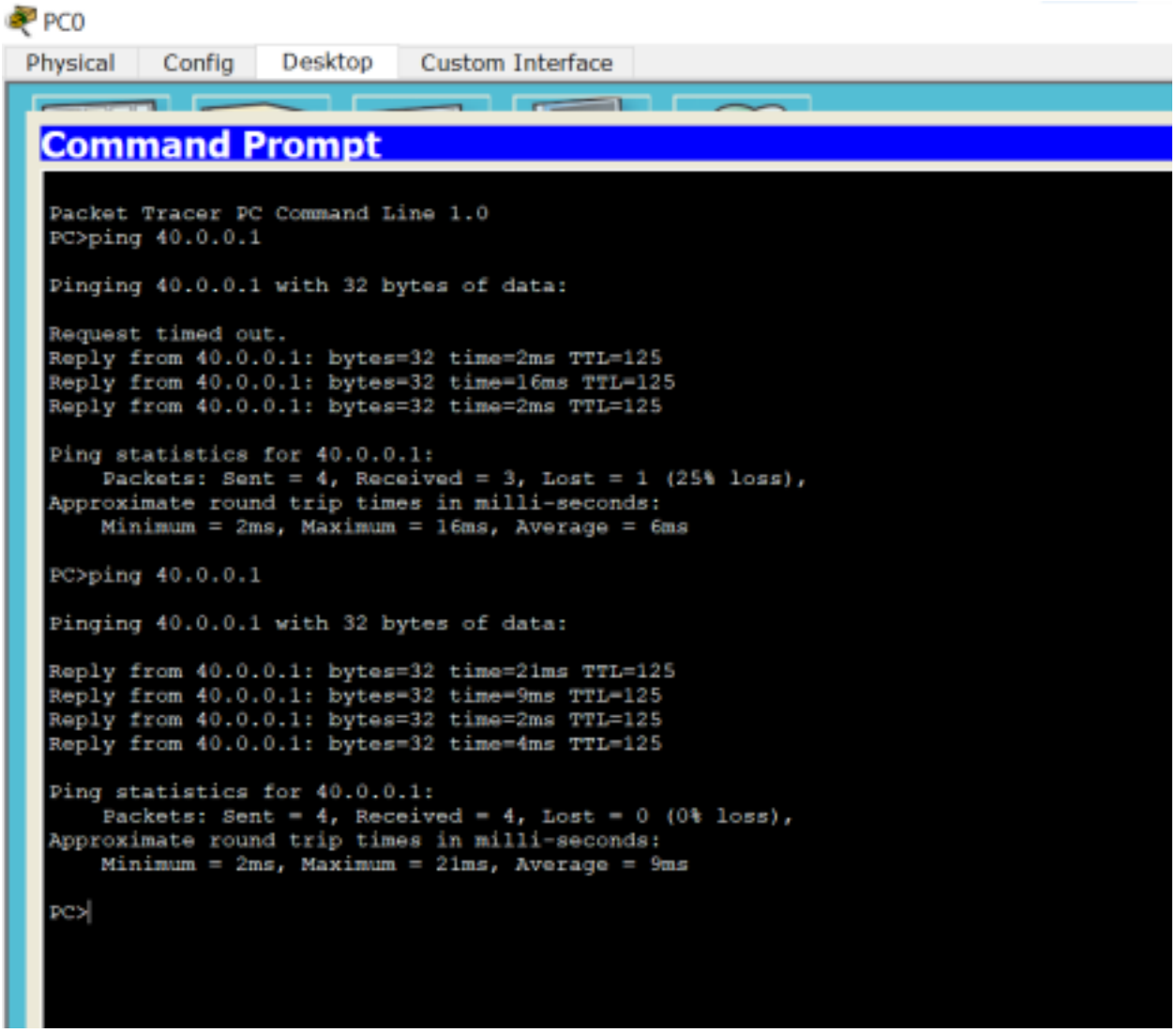
On Pinging in PC 0 for first time there is a 25% loss. from next ping there are no losses.

TOPOLOGY:



OUTPUT:




PC0
Physical
Config
Desktop
Custom Interface
Command Prompt
Packet Tracer PC Command Line 1.0
PC>ping 40.0.0.1
Pinging 40.0.0.1 with 32 bytes of data:
Request timed out.
Reply from 40.0.0.1: bytes=32 time=2ms TTL=125
Reply from 40.0.0.1: bytes=32 time=16ms TTL=125
Reply from 40.0.0.1: bytes=32 time=2ms TTL=125
Ping statistics for 40.0.0.1:
Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
Minimum = 2ms, Maximum = 16ms, Average = 6ms
PC>ping 40.0.0.1
Pinging 40.0.0.1 with 32 bytes of data:
Reply from 40.0.0.1: bytes=32 time=21ms TTL=125
Reply from 40.0.0.1: bytes=32 time=9ms TTL=125
Reply from 40.0.0.1: bytes=32 time=2ms TTL=125
Reply from 40.0.0.1: bytes=32 time=4ms TTL=125
Ping statistics for 40.0.0.1:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 2ms, Maximum = 21ms, Average = 9ms
PC>