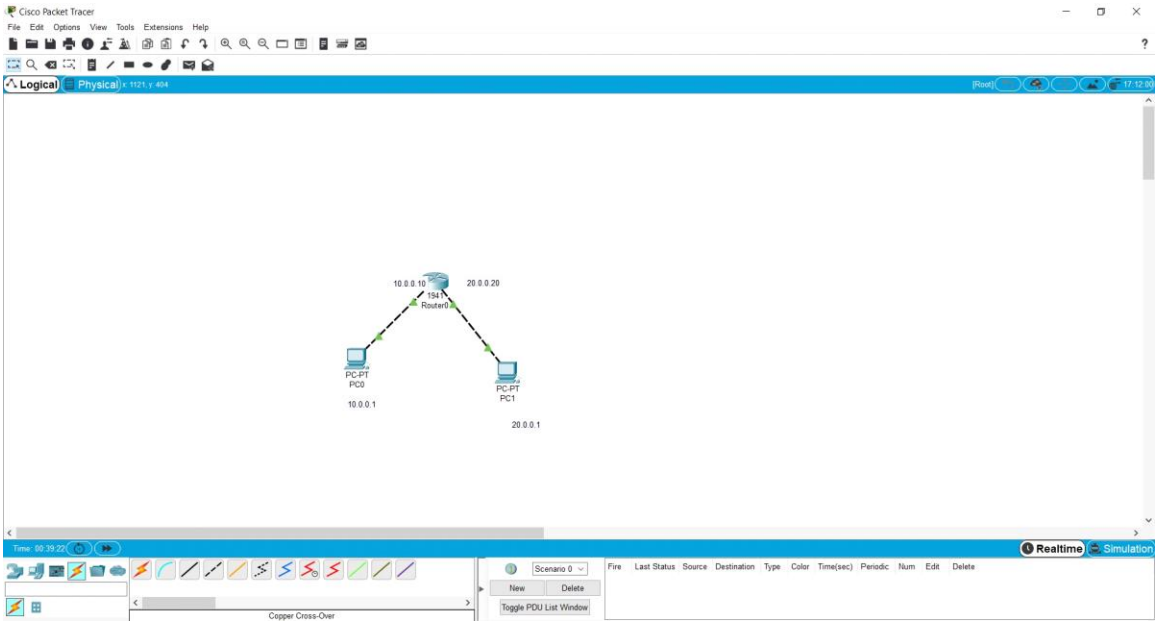
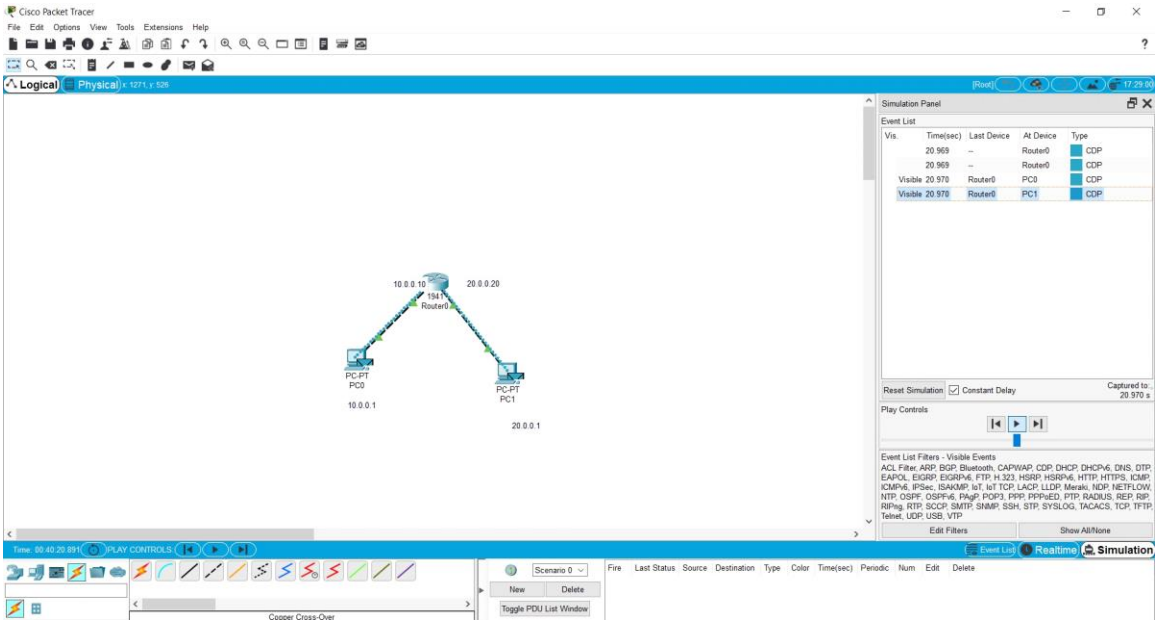
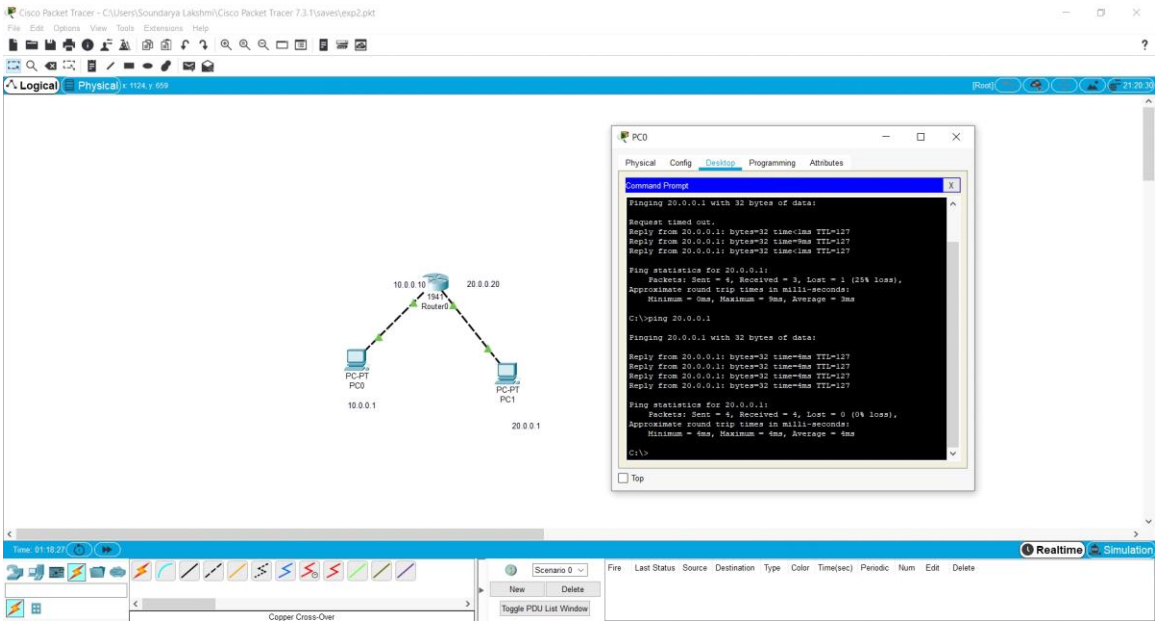
**EXPERIMENT 2: Configuring IP address to Routers in Packet Tracer. Explore the following messages: Ping Responses, Destination unreachable, Request timed out, Reply**

- **OBSERVATIONS:**
- The router allows devices with different IP ranges to communicate with each other
- router is used to connect two different networks together
- topology: Star topology




Cisco Packet Tracer - C:\Users\Soundarya Lakshmi\Cisco Packet Tracer 7.3.1\saves\exp2.pkt
Logical
Physical
10.0.0.10
20.0.0.20
Router0
PC-PT PC0
PC-PT PC1
10.0.0.1
20.0.0.1
PC0
Physical
Config
Desktop
Programming
Attributes
Command Prompt
Pinging 20.0.0.1 with 32 bytes of data:
Request timed out.
Reply from 20.0.0.1: bytes=32 time<1ms TTL=127
Reply from 20.0.0.1: bytes=32 time=9ms TTL=127
Reply from 20.0.0.1: bytes=32 time<1ms TTL=127
Ping statistics for 20.0.0.1:
Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 9ms, Average = 3ms
C:\>ping 20.0.0.1
Pinging 20.0.0.1 with 32 bytes of data:
Reply from 20.0.0.1: bytes=32 time=4ms TTL=127
Reply from 20.0.0.1: bytes=32 time=4ms TTL=127
Reply from 20.0.0.1: bytes=32 time=4ms TTL=127
Reply from 20.0.0.1: bytes=32 time=4ms TTL=127
Ping statistics for 20.0.0.1:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 4ms, Maximum = 4ms, Average = 4ms
C:\>
Top
Realtime
Simulation
Copper Cross-Over
Scenario 0
New
Delete
Toggle PDU List Window
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Edit
Delete