

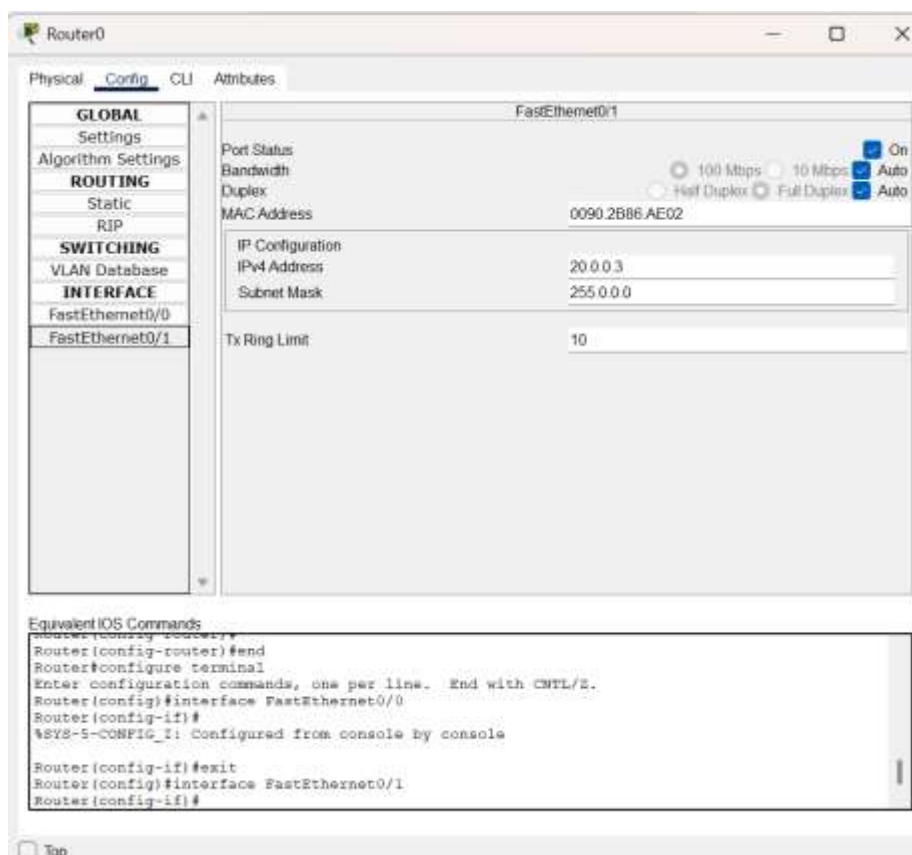
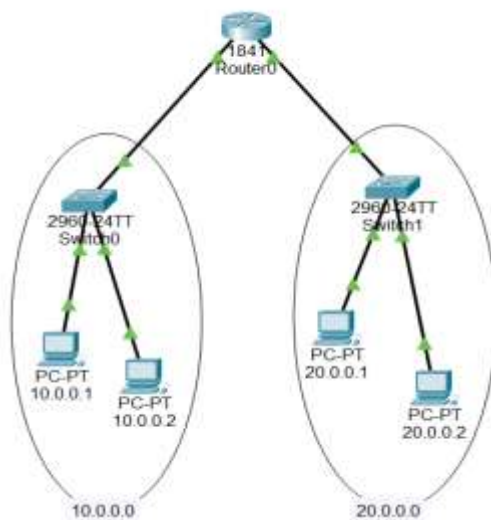
Date: 25/ 08/ 2025

### Lab Practical #11:

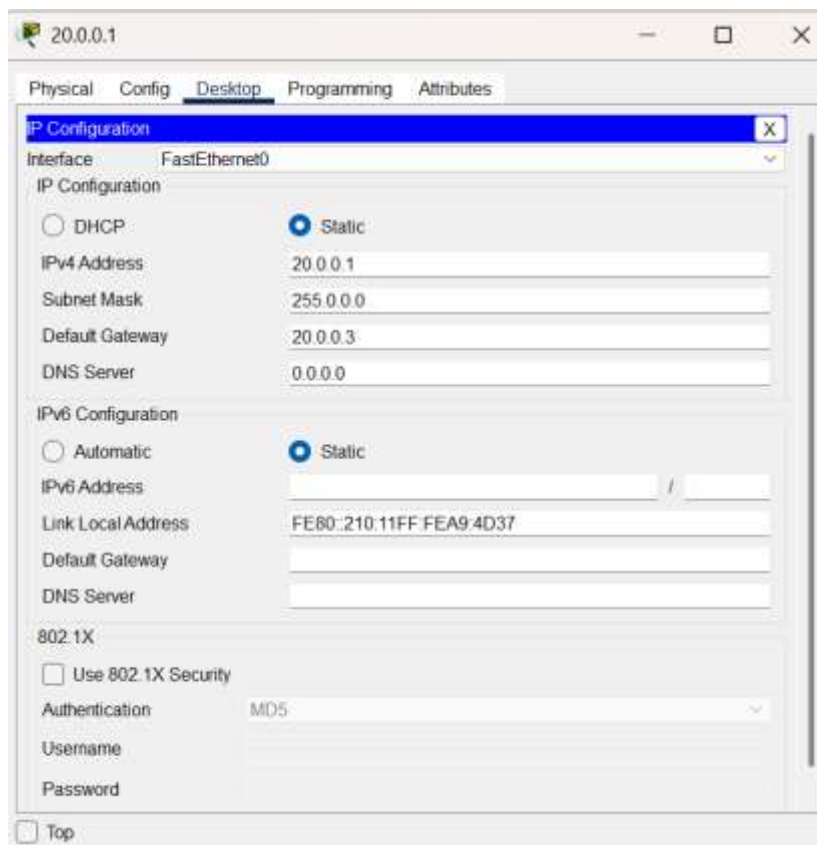
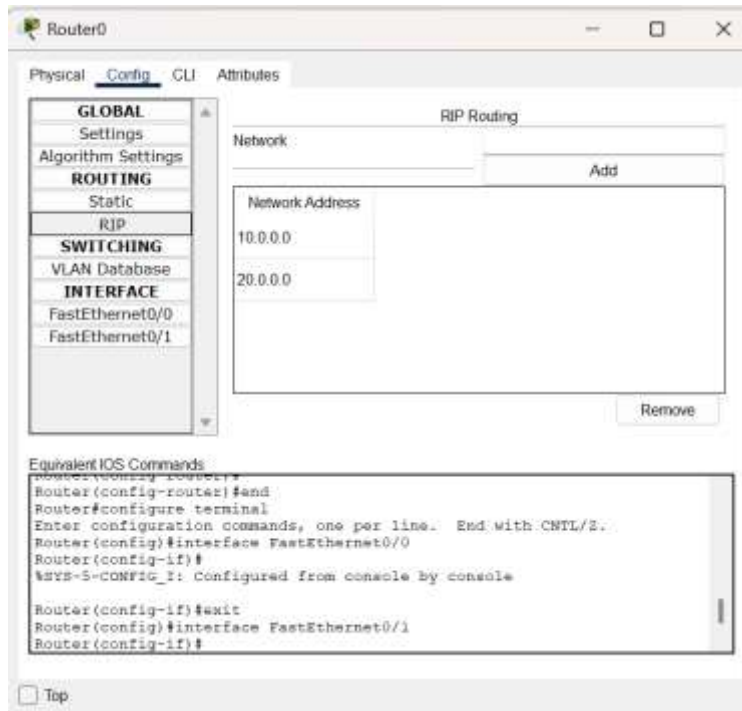
Study the concept of routing using packet tracer. (Dynamic Routing)

### Practical Assignment #11:

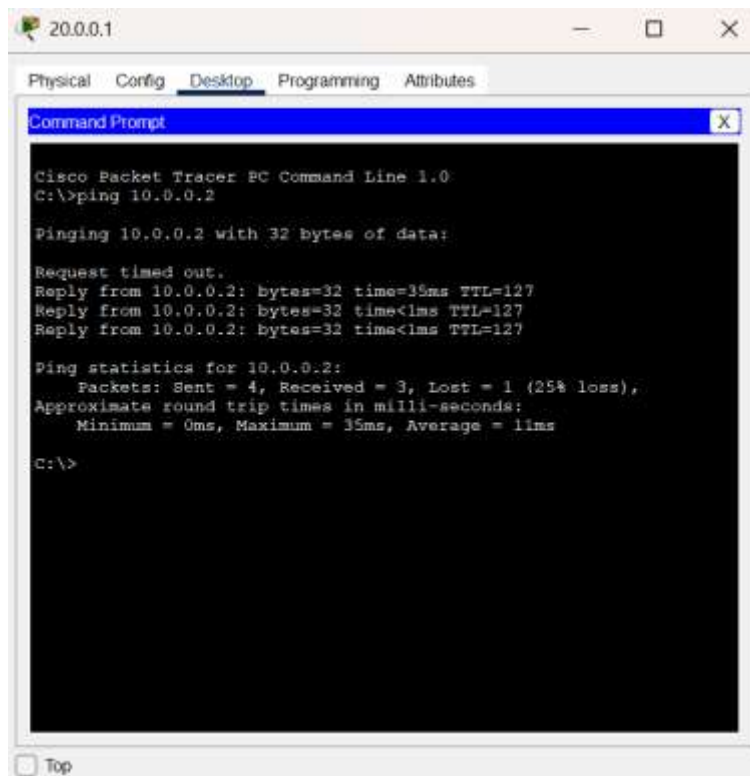
1. Connect the two different networks based on the calculated IP addresses and subnet using a packet tracer.



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20.0.0.1
Physical Config Desktop Programming Attributes
Command Prompt
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.0.0.2

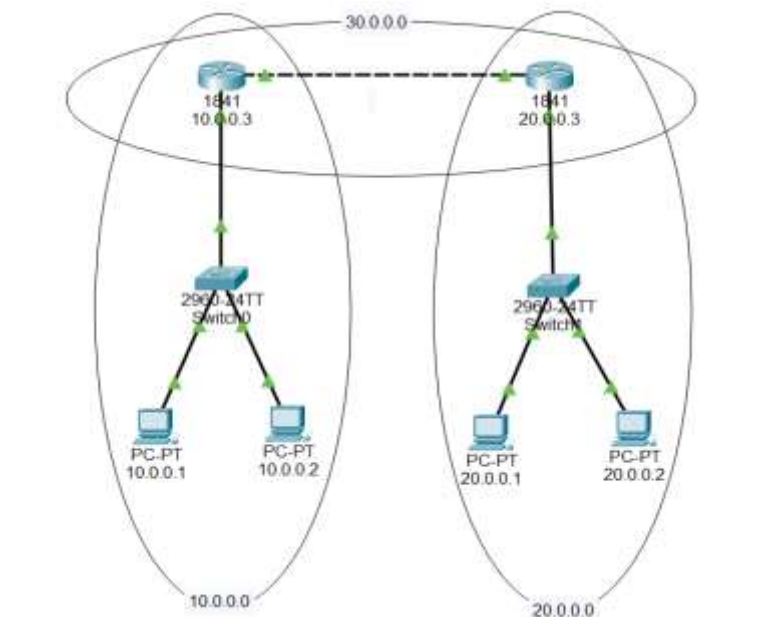
Pinging 10.0.0.2 with 32 bytes of data:

Request timed out.
Reply from 10.0.0.2: bytes=32 time=35ms TTL=127
Reply from 10.0.0.2: bytes=32 time<1ms TTL=127
Reply from 10.0.0.2: bytes=32 time<1ms TTL=127

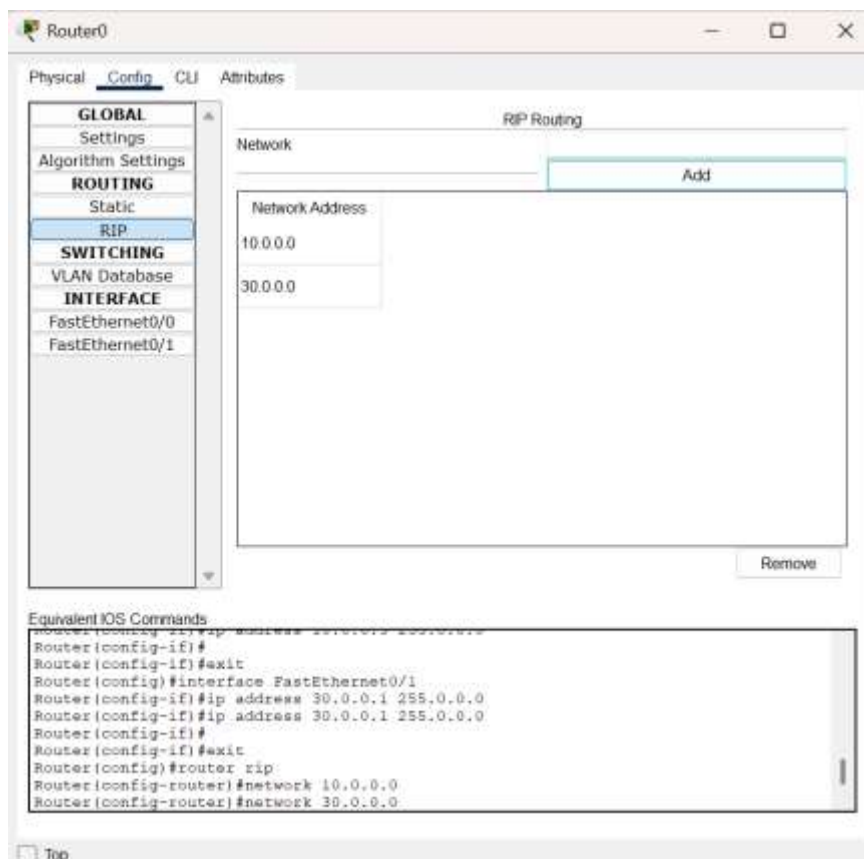
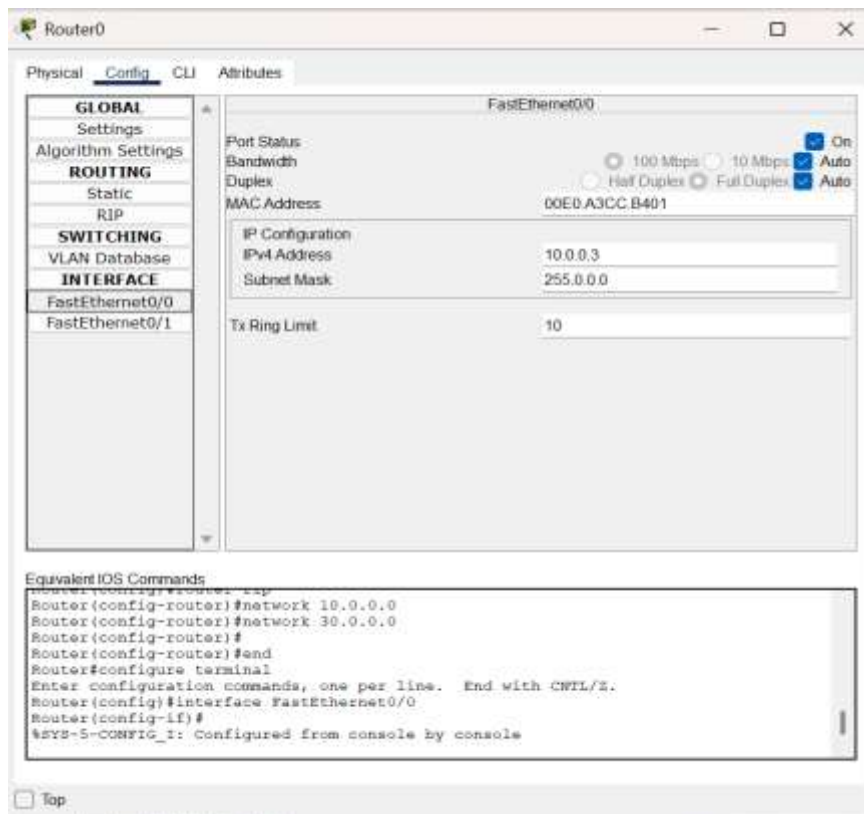
Ping statistics for 10.0.0.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 35ms, Average = 11ms

C:\>
```

2. Connect the three different networks based on the calculated IP addresses and subnet using a packet tracer.



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