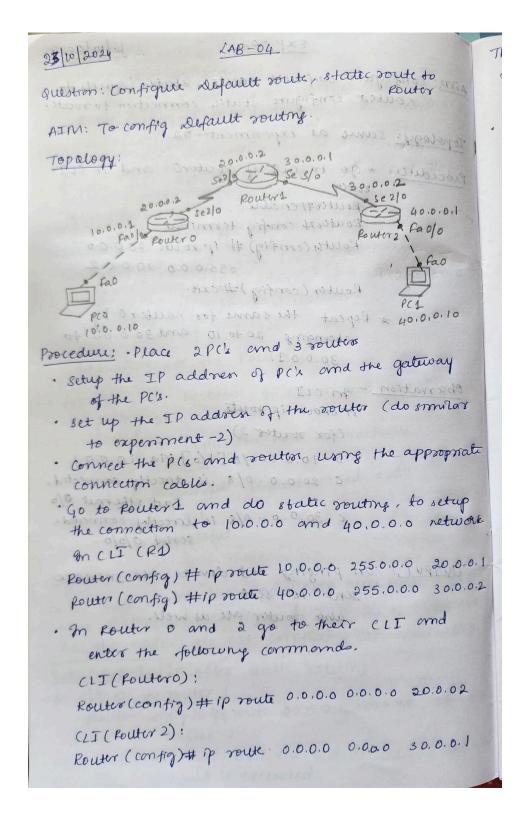
Observation Book:



This step is called default souting, in this if any network packet other than connected network will be paired to specified earter. Just promise . Ona the configuration is complete, we can now ping from the end device to other 300.0.0/8 13 discuting connected serial 00.0.0.08 5 40.0.0.0/8 [1/0] via 30.0.0 OBSERVATION :i) on prigne from one end device to other mass Static and acfault realing, and 01.0.0.04 gmg prigng 40.0.0.10 with 32 bytes of data. Reply from 40.0.0.10 bytes = 32 time=2ms TTL=253 Reply from 40.0.0.10 bytes = 32 time= 2ms TTL= 253 Reply from 40.0.0.10 by46=32 time=810 TTL-253 Reply from 40.0.0.10 bytes = 32 time= 10 mg TTL= 253. ping statistics for 40,0.0.2. 'Packets: sent = 4, Recieved = 4, lost 0 (0%. Loss) 2) In Pouter O fouter # show ip route gateway of last router is 20,0.0.3 to network ic 10.0.0.0/8 is directly connected, fast 8themet 0/0 c. 20.0.0.0/8 is directly connected, serial 2/0 8. 0.0.0.0 /0 [1/0]

(8 milor output for Router 2).

In Politer 1

Router # show Ip route

Gataway of Last resort is not set

\$ 10.0.0.0/8 [Yo] via 20.0.0.1

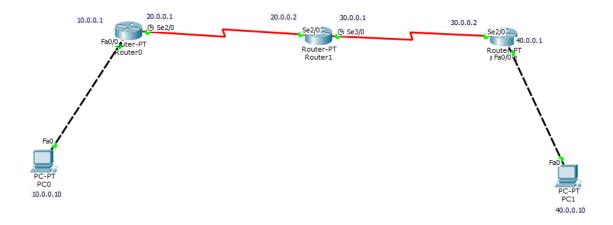
c 20.0.0/8 is direttly connected, serial 3/0.

c 30.0.0.0/8 is direttly connected, serial 3/0.

\$ 40.0.0.0/8 [Yo] via 30.0.0.2

Through this experiment, we learnt on how to connect 3 or more networks by the concept of static and default souting and we also sent message, from end device to other.

Topology:



Output:

```
₱PC0

                                                                                  Physical
          Config
                    Desktop
                              Custom Interface
  Command Prompt
   PC>ping 40.0.0.10
   Pinging 40.0.0.10 with 32 bytes of data:
   Request timed out.
   Reply from 40.0.0.10: bytes=32 time=10ms TTL=125
   Reply from 40.0.0.10: bytes=32 time=7ms TTL=125
   Reply from 40.0.0.10: bytes=32 time=7ms TTL=125
   Ping statistics for 40.0.0.10:
       Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
   Approximate round trip times in milli-seconds:
       Minimum = 7ms, Maximum = 10ms, Average = 8ms
   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=2ms TTL=253
   Reply from 40.0.0.1: bytes=32 time=2ms TTL=253
   Reply from 40.0.0.1: bytes=32 time=8ms TTL=253
Reply from 40.0.0.1: bytes=32 time=10ms TTL=253
   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 = 10ms, Average = 5ms
    PC>SsS
```

