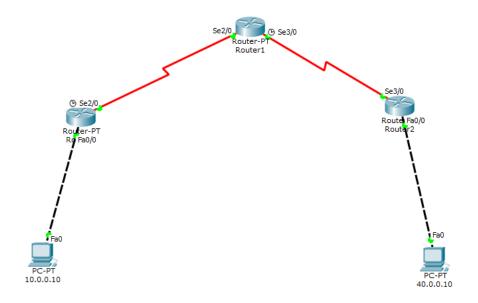
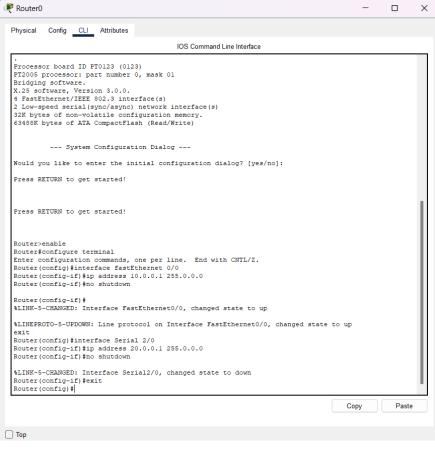
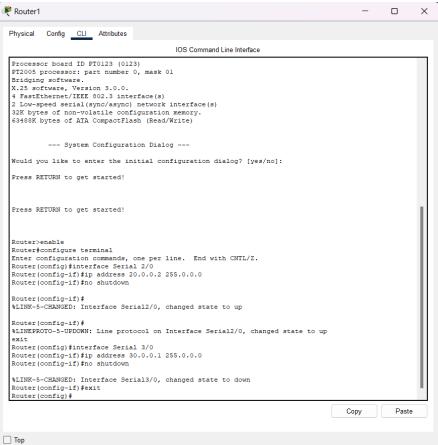
# CN LAB 3

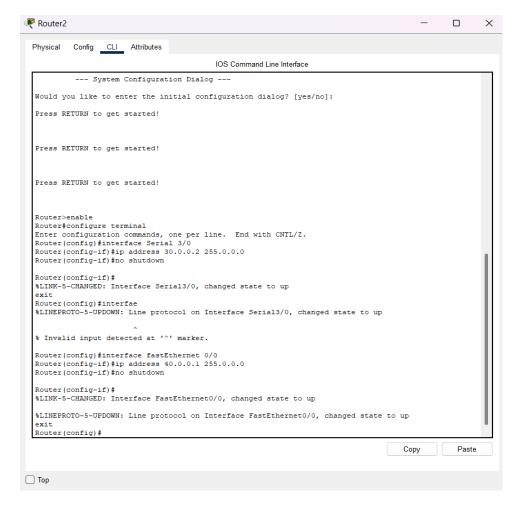
Configure IP address to routers in packet tracer. Explore the following messages: ping responses, destination unreachable, request timed out, reply.

# **TOPOLOGY**

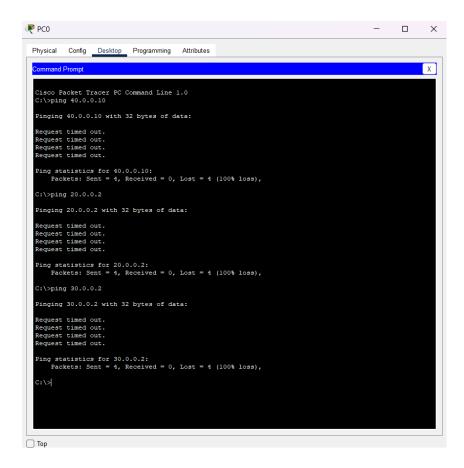




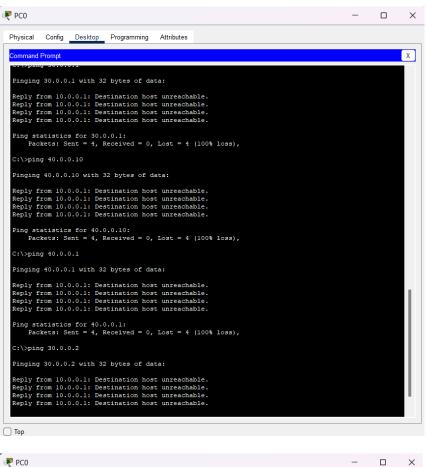


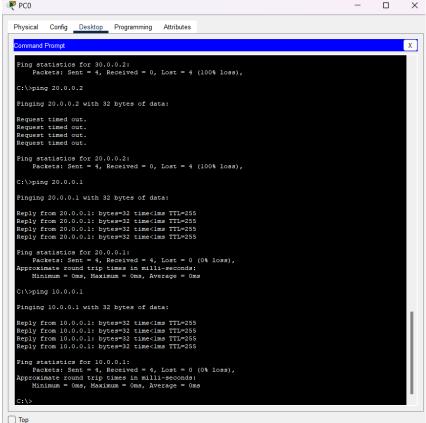


### 1. BEFORE SETTING DEFAULT GATEWAY

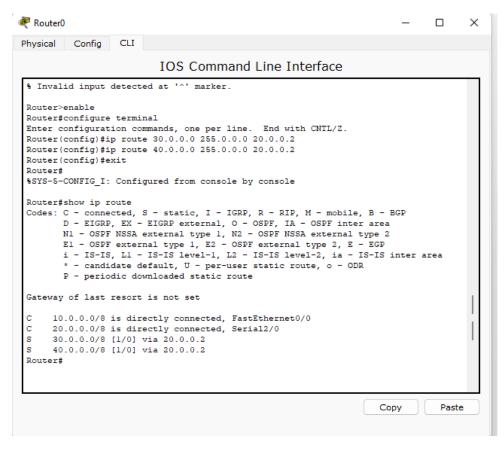


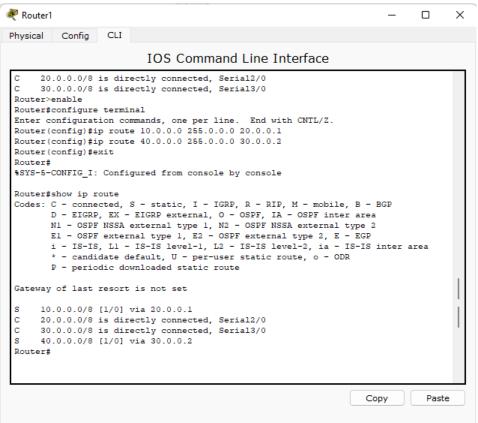
### 2. AFTER SETTING DEFAULT GATEWAY





### 3. AFTER SETTING UP INTERFACE





```
Router2
                                                                                                              ×
Physical Config CLI
                                     IOS Command Line Interface
        30.0.0.0/8 is directly connected, Serial3/0
        40.0.0.0/8 is directly connected, FastEthernet0/0
 Router>enable
 Router#config terminal
 Enter configuration commands, one per line. End with {\tt CNTL/Z}.
 Router(config) #ip route 20.0.0.0 255.0.0.0 30.0.0.1
Router(config) #ip route 10.0.0.0 255.0.0.0 30.0.0.1
 Router(config) #exit
  %SYS-5-CONFIG_I: Configured from console by console
 Router#show ip route
 Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
          C - connected, S - static, I - IGNE, R - RIE, N - MUDILE, B - BGE
D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
NI - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
El - OSPF external type 1, E2 - OSPF external type 2, E - EGP
i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
             - candidate default, U - per-user static route, o - ODR
           P - periodic downloaded static route
 Gateway of last resort is not set
        10.0.0.0/8 [1/0] via 30.0.0.1
20.0.0.0/8 [1/0] via 30.0.0.1
        30.0.0.0/8 is directly connected, Serial3/0
       40.0.0.0/8 is directly connected, FastEthernet0/0
 Router#
                                                                                               Сору
                                                                                                               Paste
```

```
PC>ping 40.0.0.10

Pinging 40.0.0.10 with 32 bytes of data:

Reply from 40.0.0.10: bytes=32 time=1lms TTL=125
Reply from 40.0.0.10: bytes=32 time=7ms TTL=125
Reply from 40.0.0.10: bytes=32 time=1lms TTL=125
Reply from 40.0.0.10: bytes=32 time=4ms TTL=125
Ping statistics for 40.0.0.10:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 4ms, Maximum = 1lms, Average = 8ms
```

