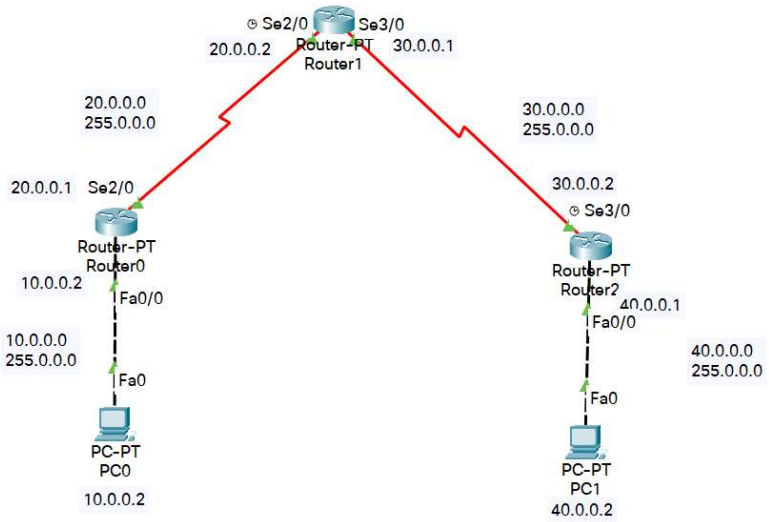
Program 3

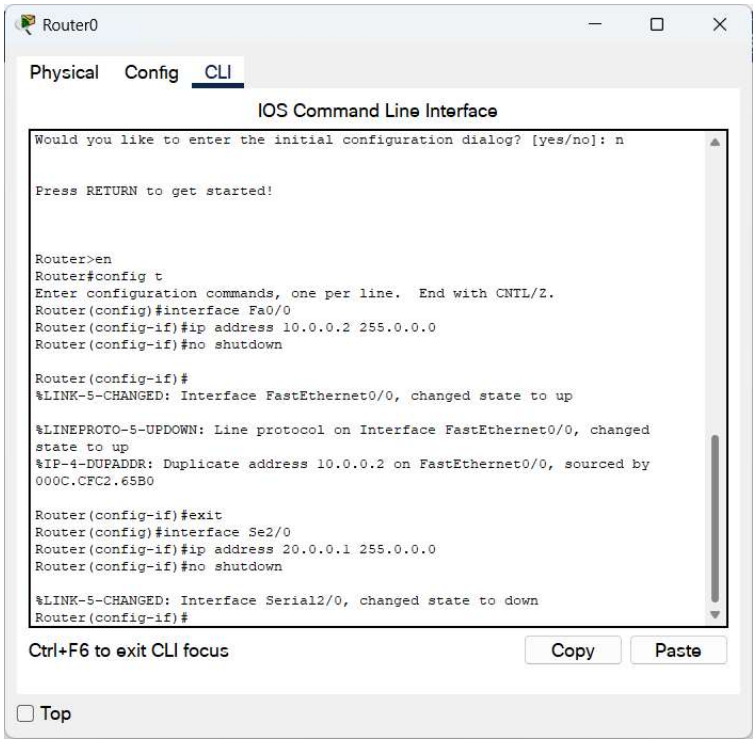
i. Configure default route, static route to the router

ii. Procedure along with the topology

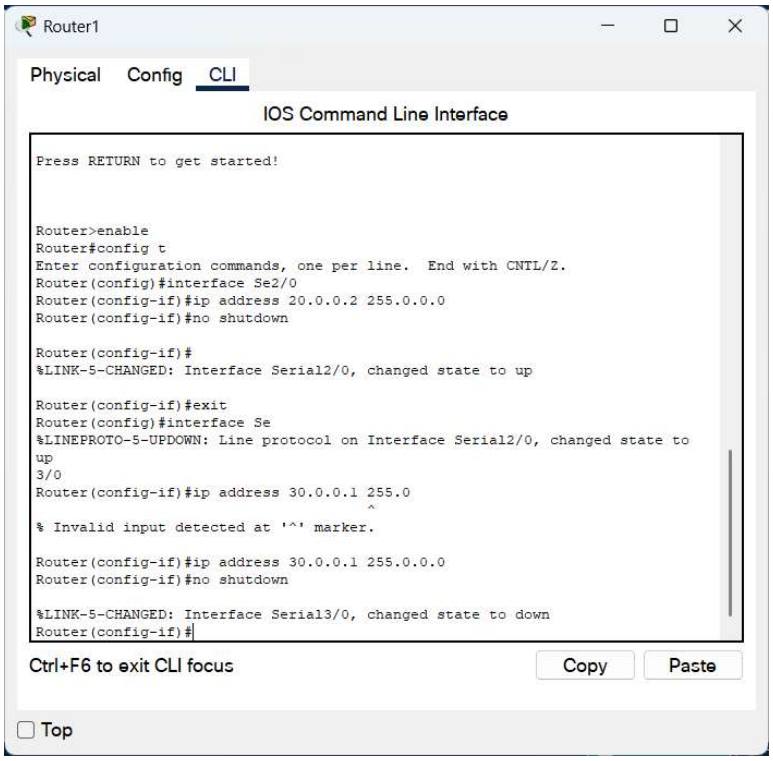


iii. Screen shots/ output

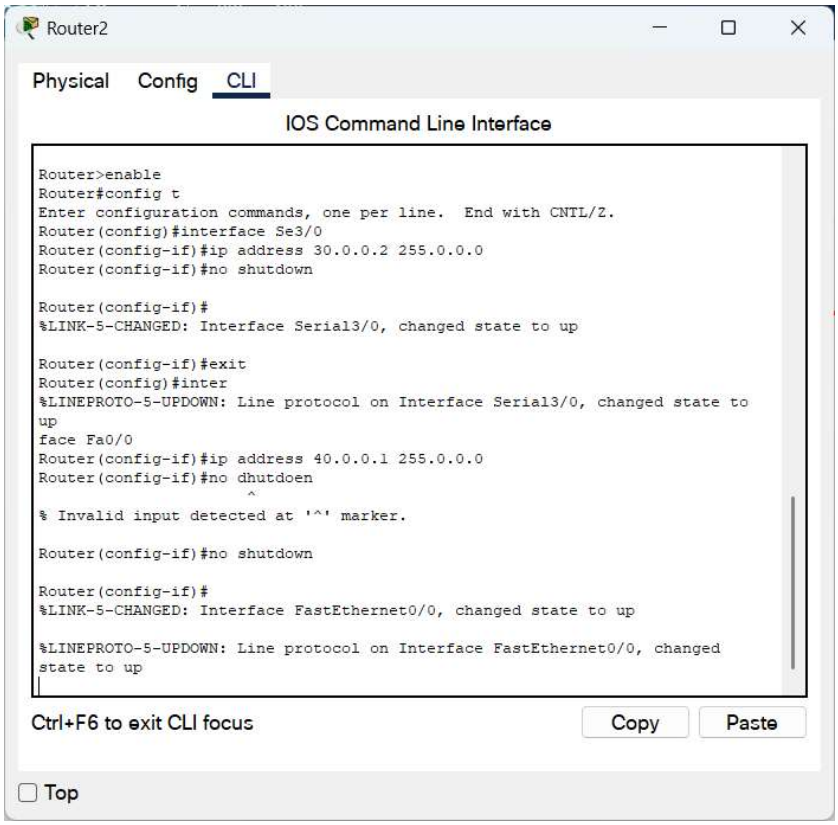
Router0 configuration



Router1 configuration

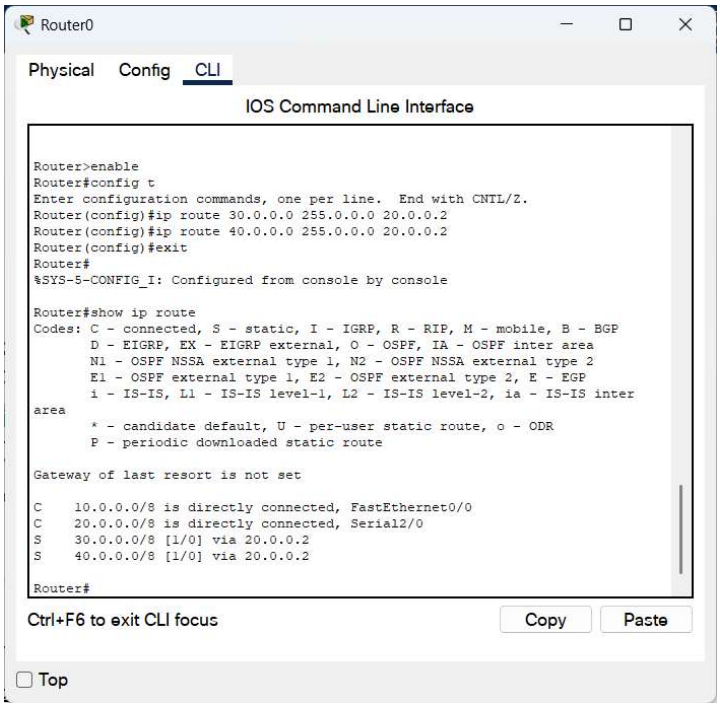


Router2 configuration

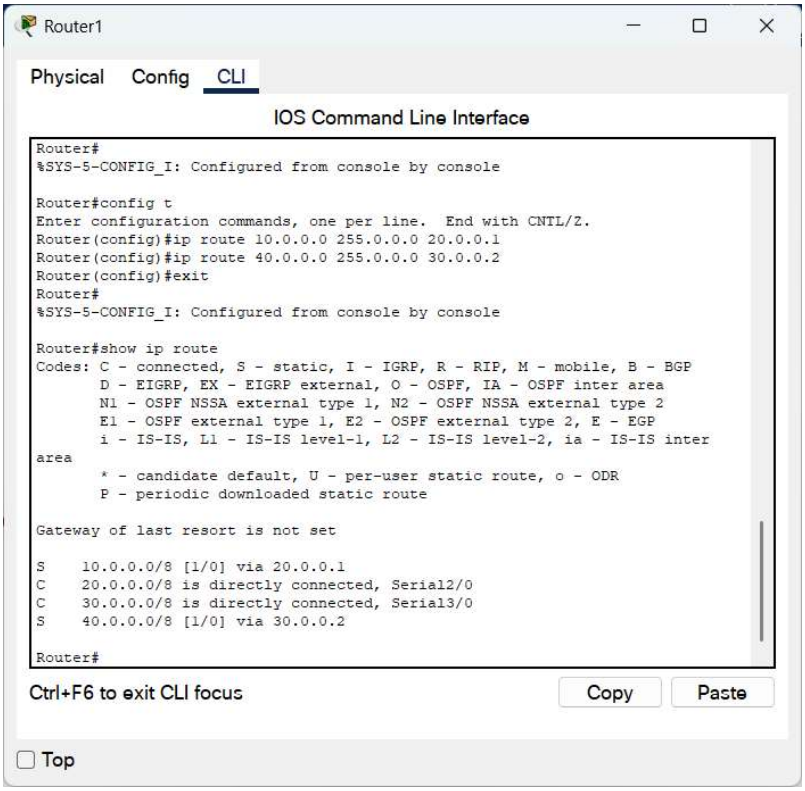


Static Routing:

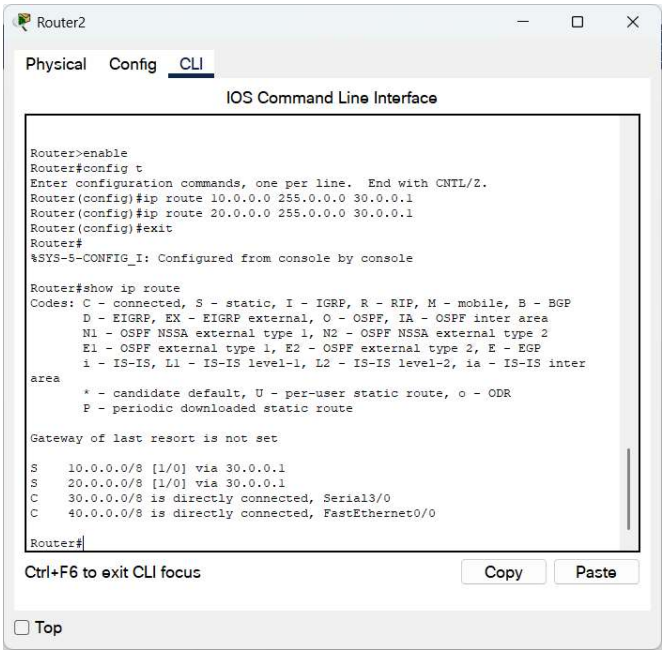
Router0



Router1

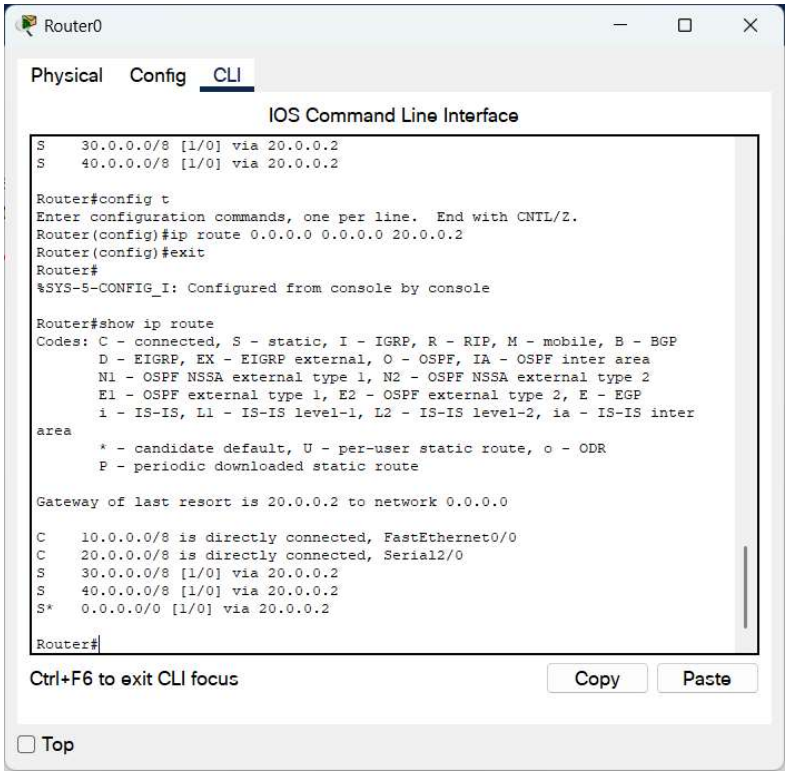


Router2

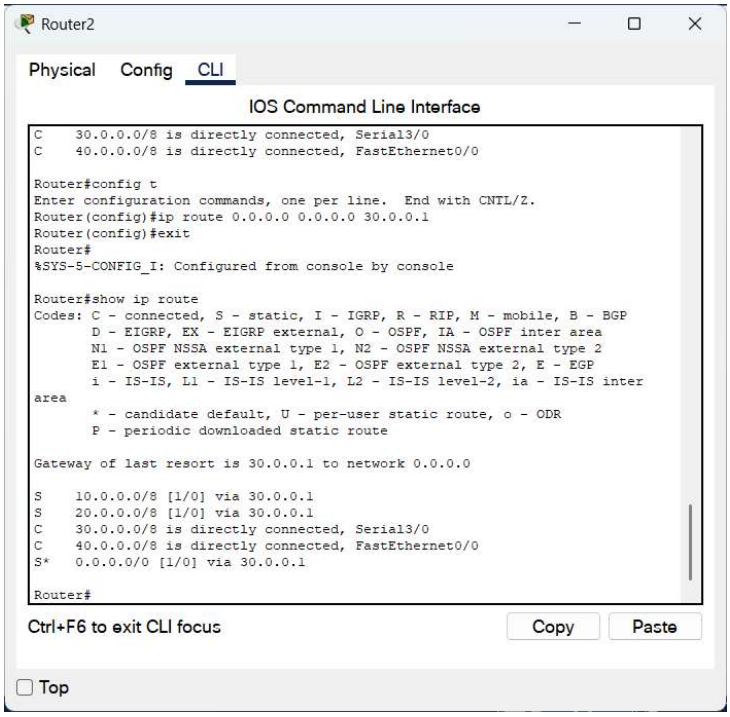


Dynamic Routing:

Route0



Router2



Pinging:

```
C:\>ping 40.0.0.2

Pinging 40.0.0.2 with 32 bytes of data:

Reply from 40.0.0.2: bytes=32 time=21ms TTL=125
Reply from 40.0.0.2: bytes=32 time=17ms TTL=125
Reply from 40.0.0.2: bytes=32 time=25ms TTL=125
Reply from 40.0.0.2: bytes=32 time=2ms TTL=125

Ping statistics for 40.0.0.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 25ms, Average = 16ms
```