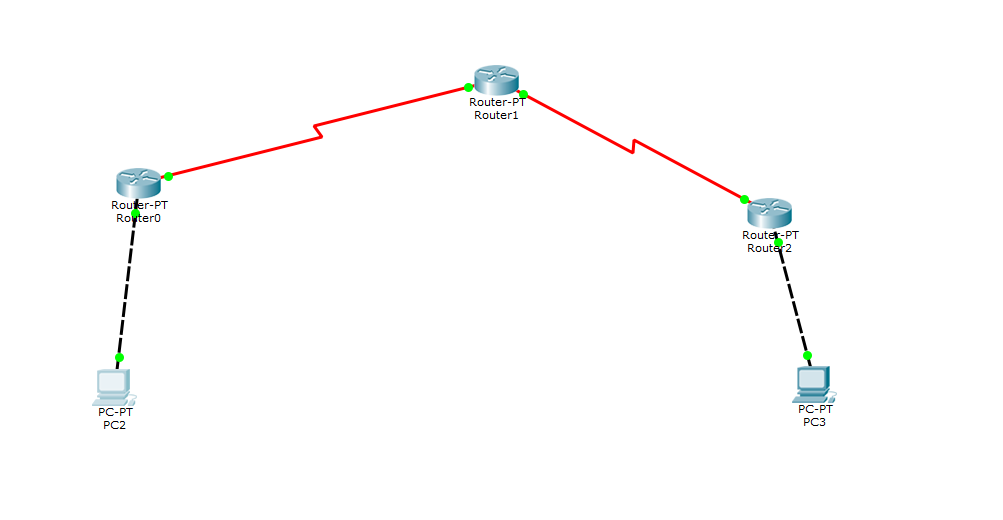
WEEK 6

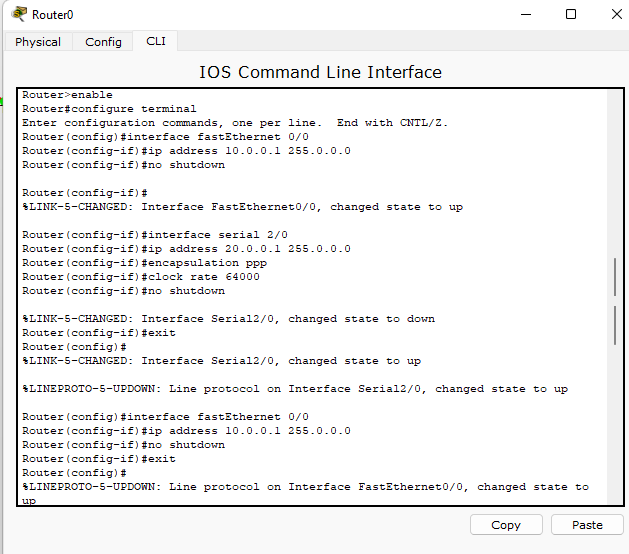
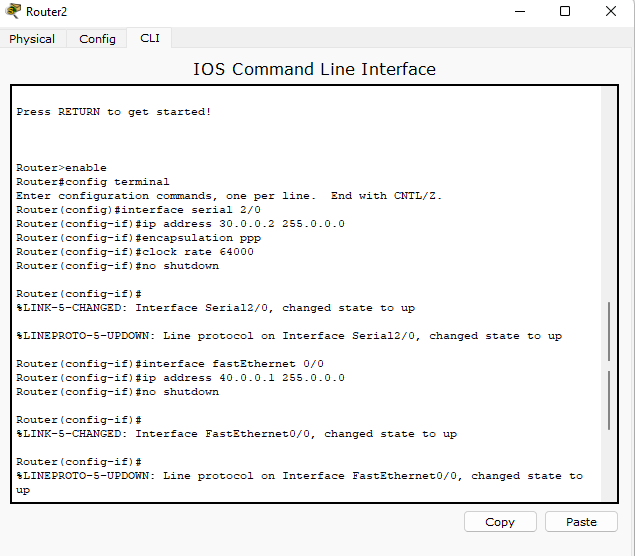
USN- 1BM21CS173

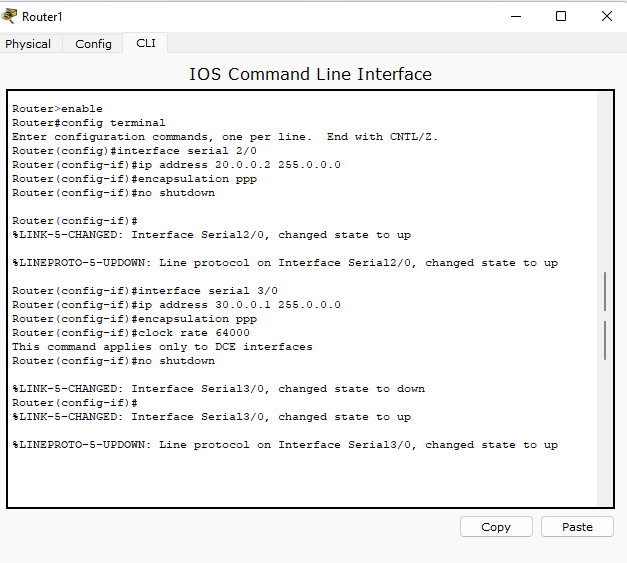
DATE- 04-08-2023

Configure OSPF routing protocol

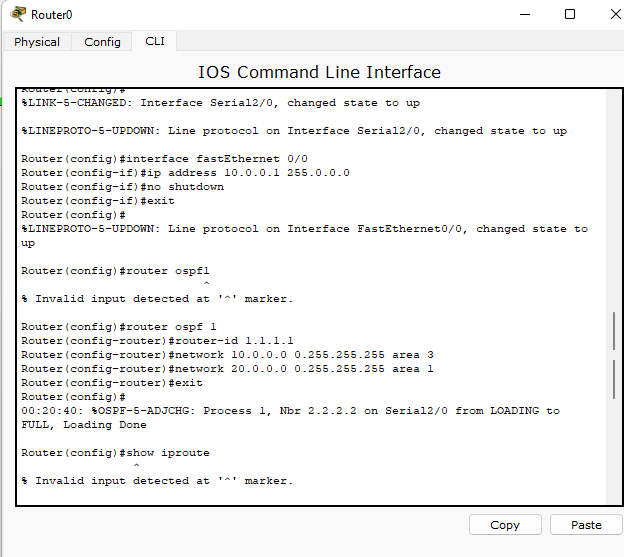
Topology:

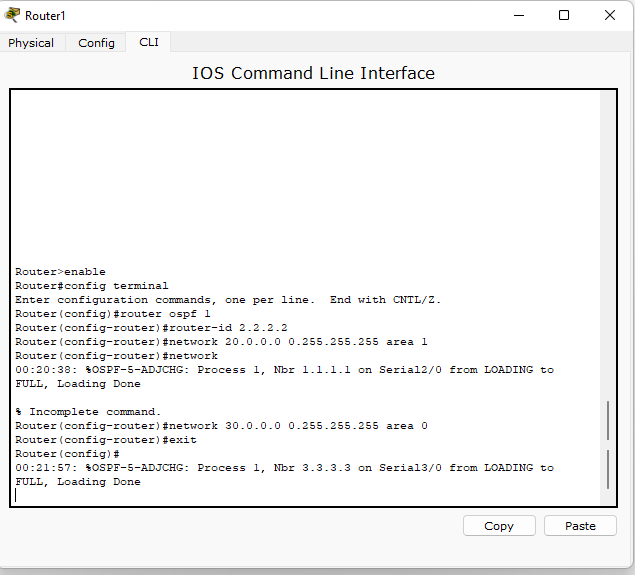
Configure ip addresses to all interfaces:

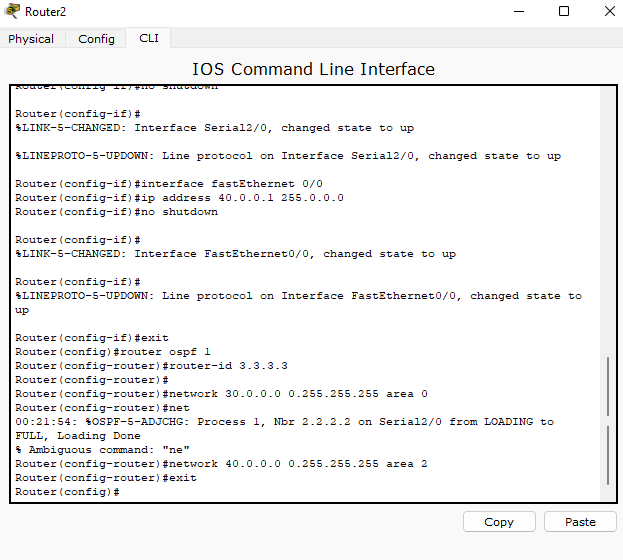


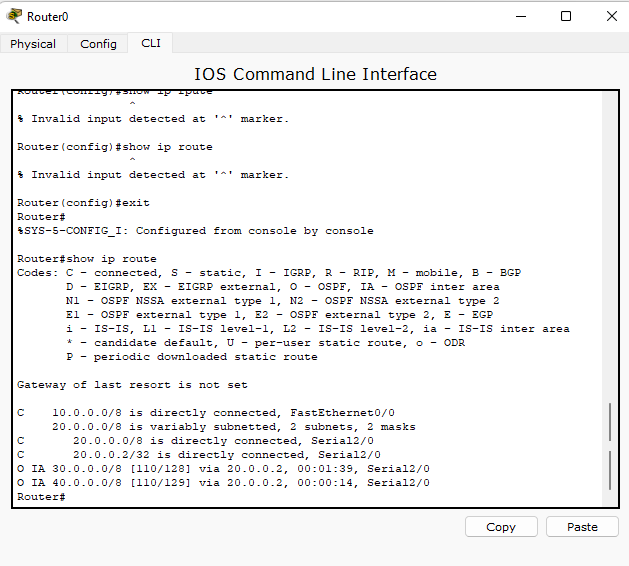
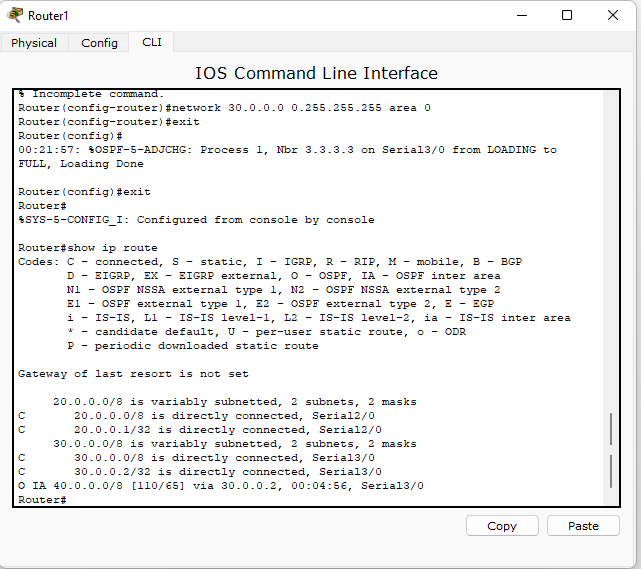


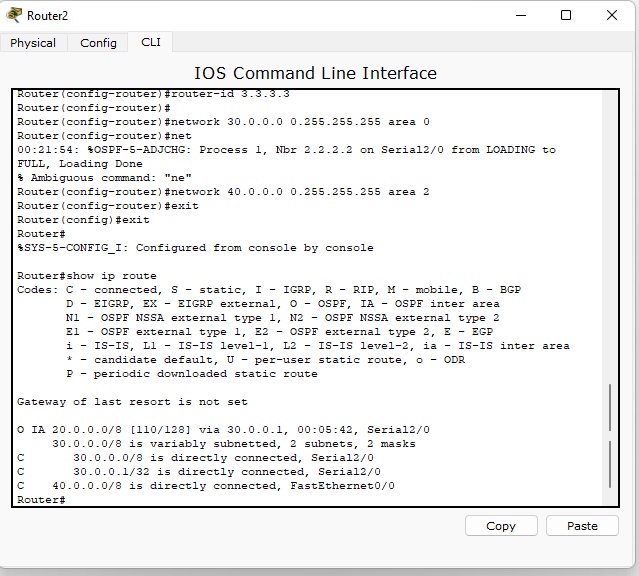
Enable ip routing by configuring OSPF in all routers:

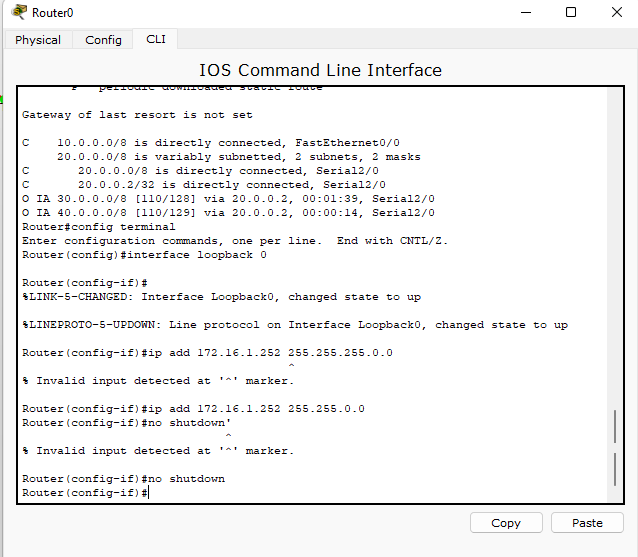
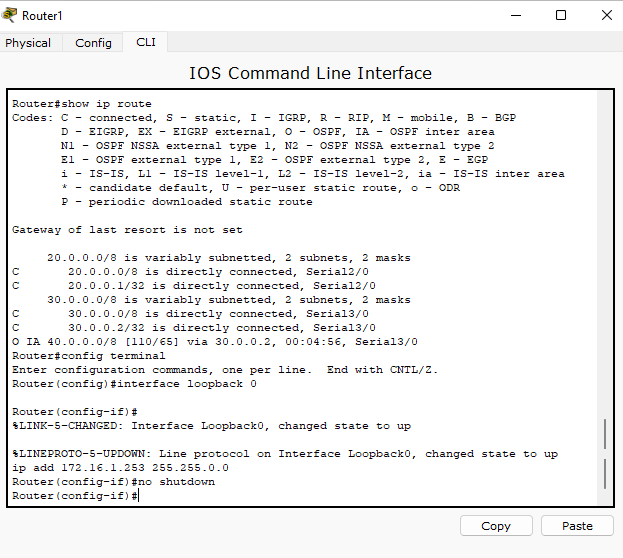


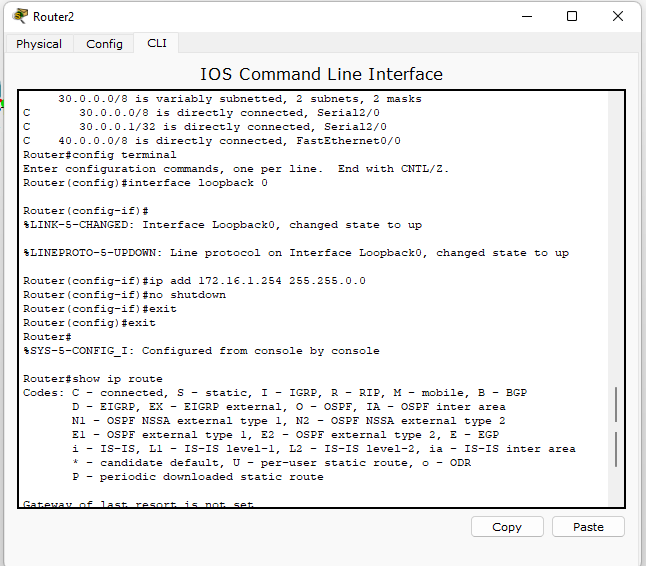




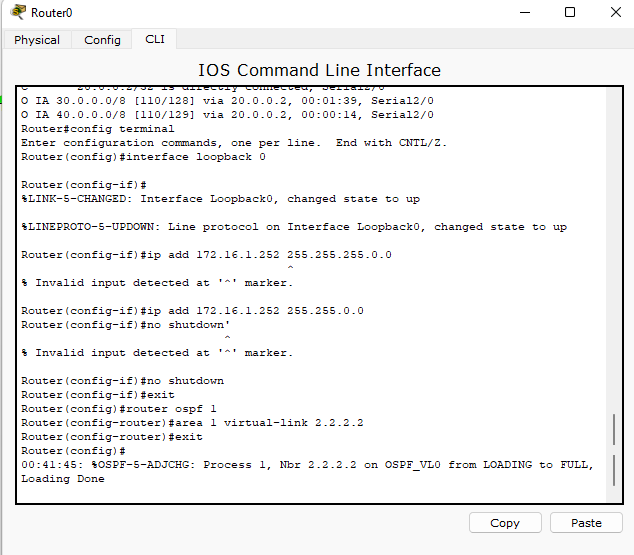
Show routing table for all three routers 

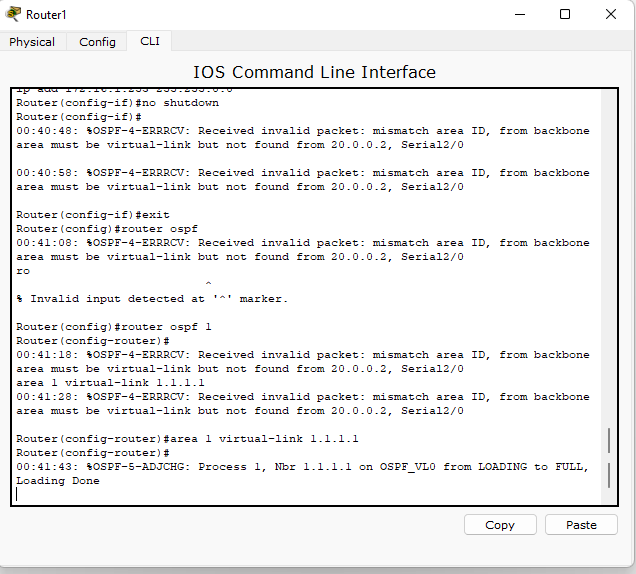


Create dedicated loopback interface for all the routers

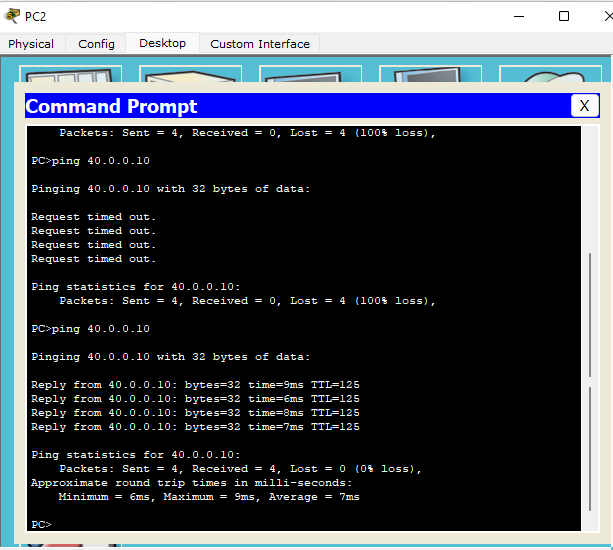


Create a virtual link (CLI of first two routers) to connect area 3 to area 0.



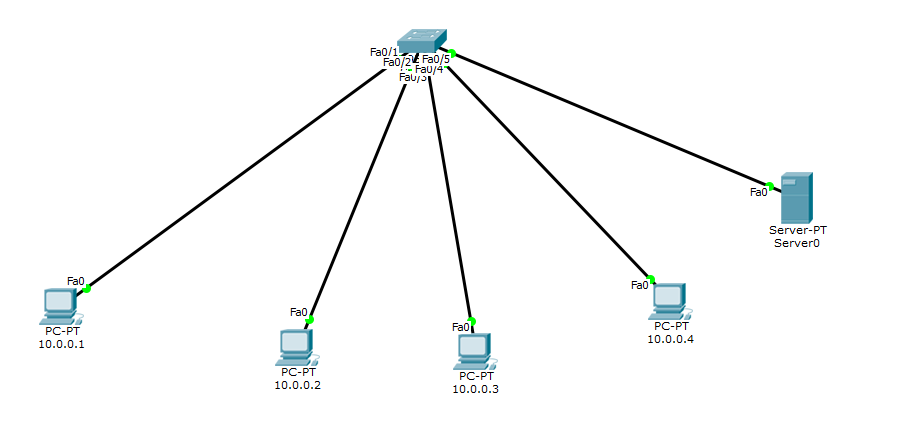


Final Output(ping from 10.0.0.10 to 40.0.0.10):

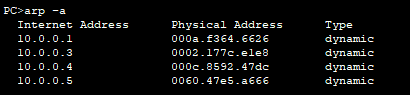


ARP routing protocol

Topology



Arp table(with all pings from 10.0.0.2)



Switch(mac address table)

