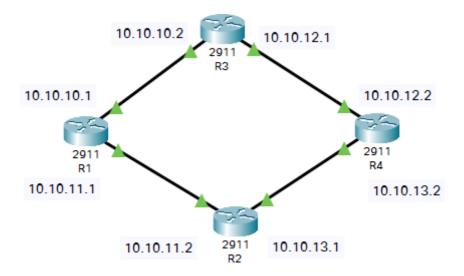
Name : Brijesh Rameshbhai Rohit Admission number : U19CS009

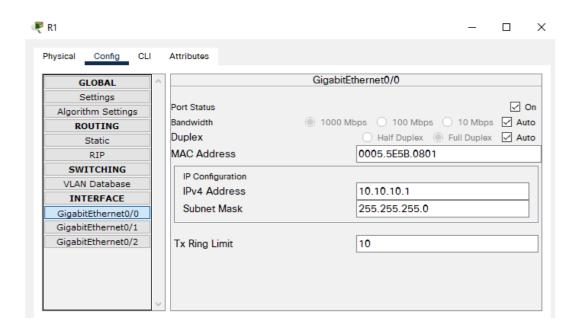
## CN-ASSIGNMENT-07

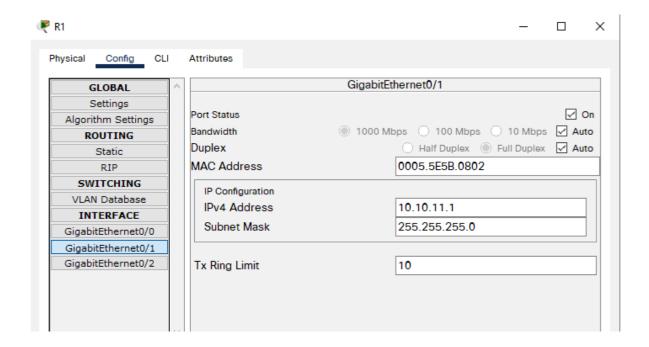
1) Create the below network, which follows static routing.

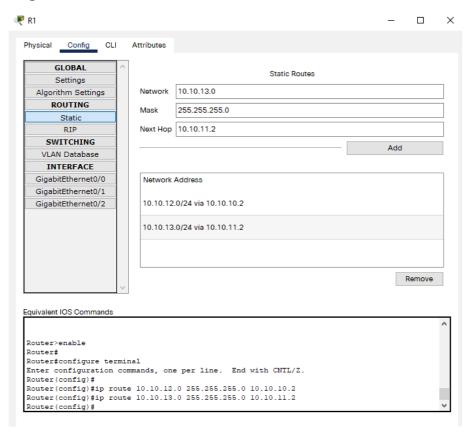


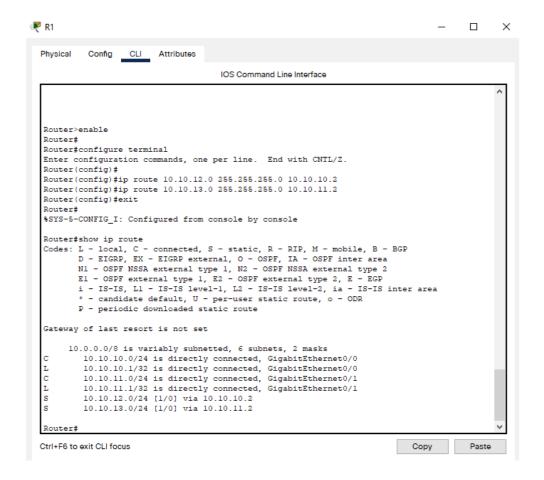
Create the same network in two different ways, 1) Configuring IP address

from GUI Router 1:

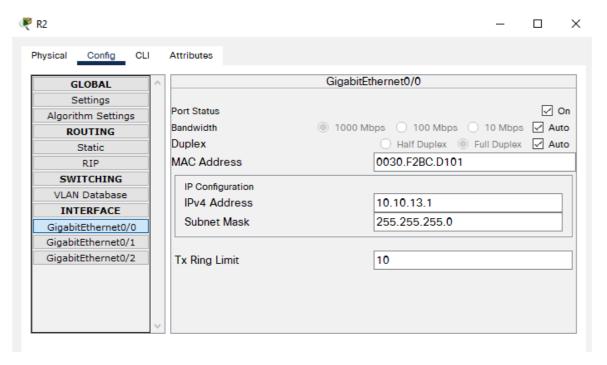


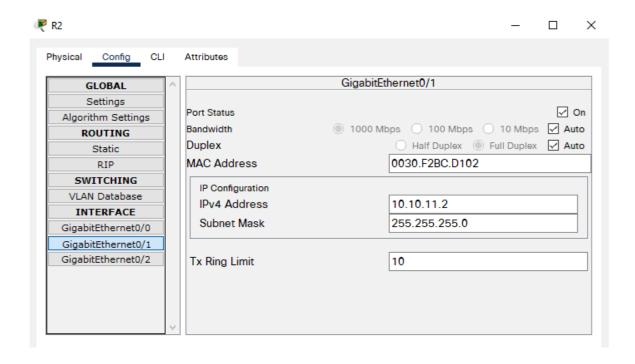


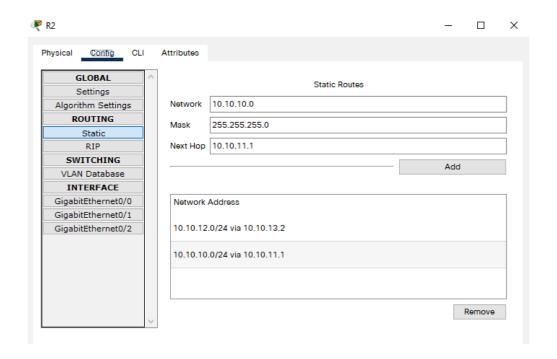


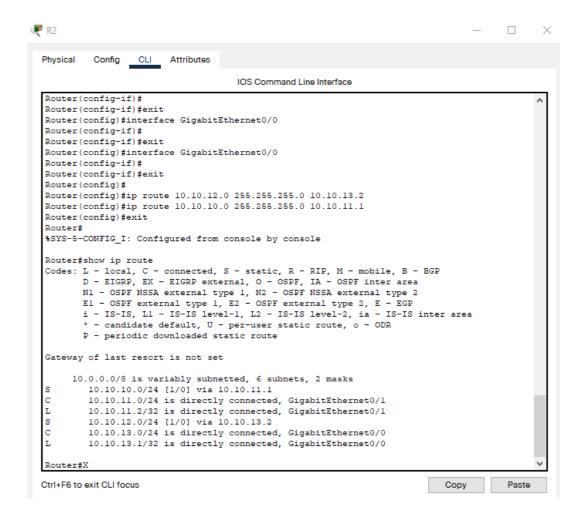


# Router 2:

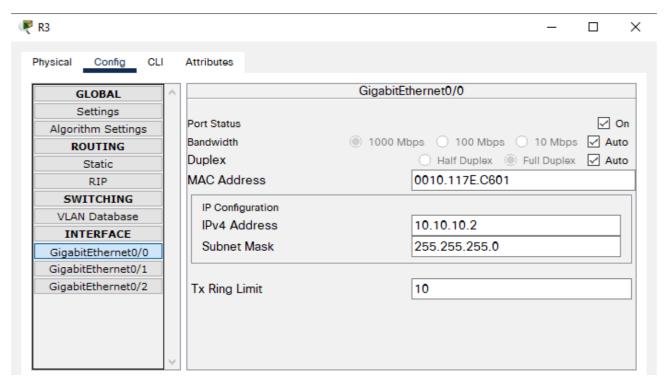


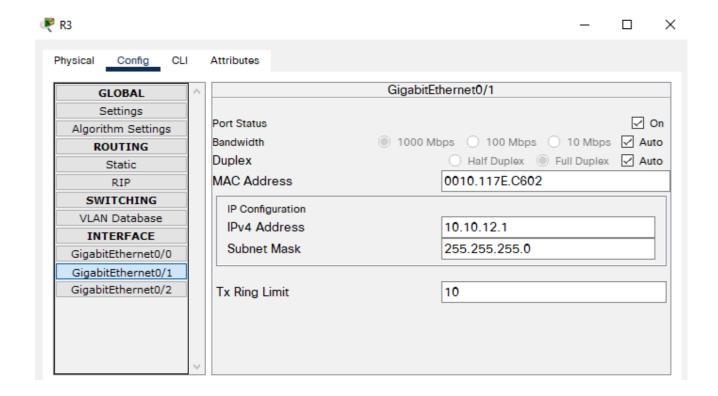


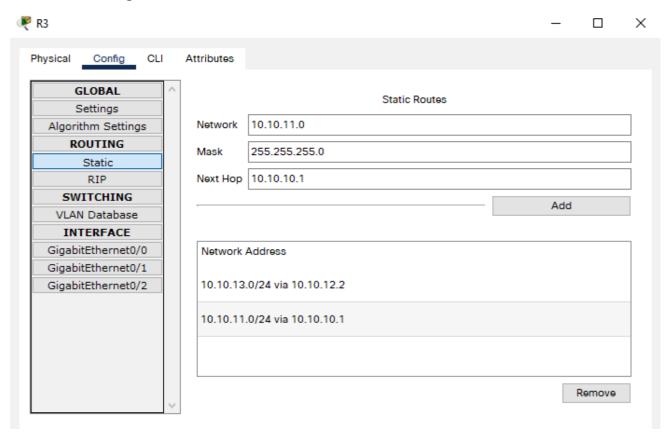


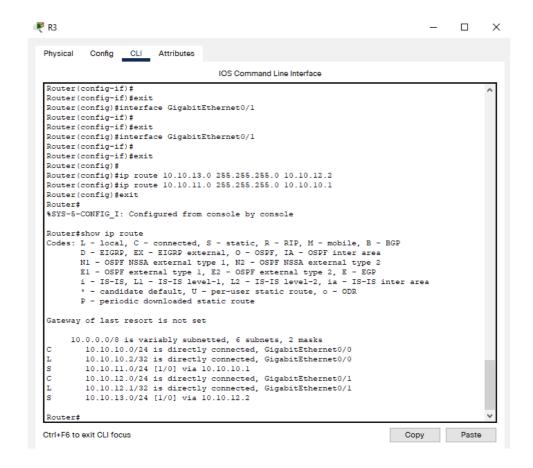


### Router 3:

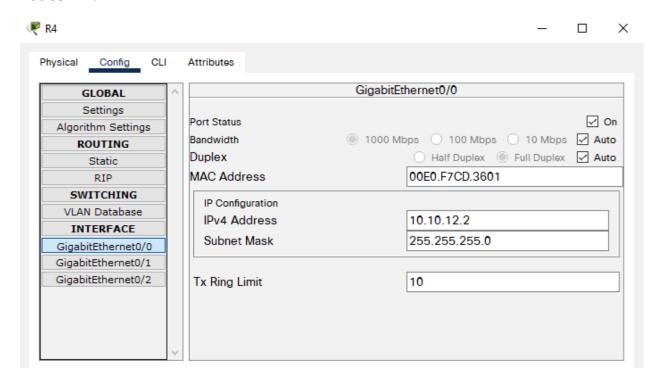


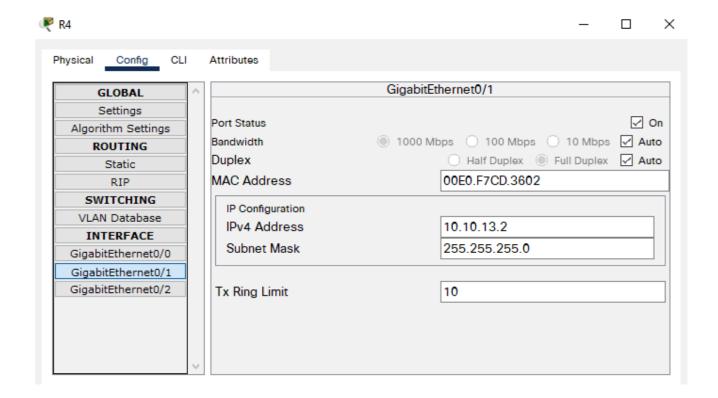


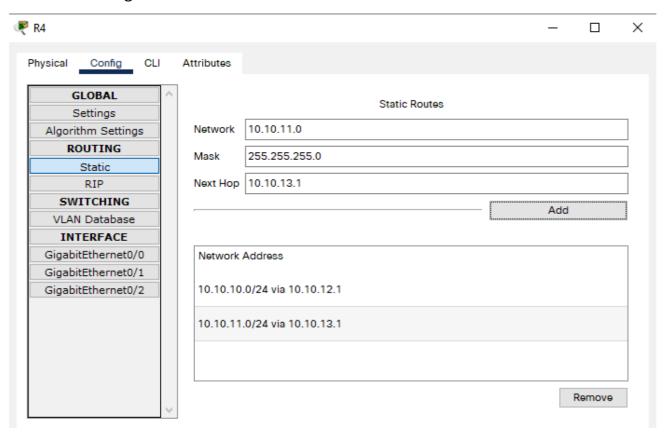


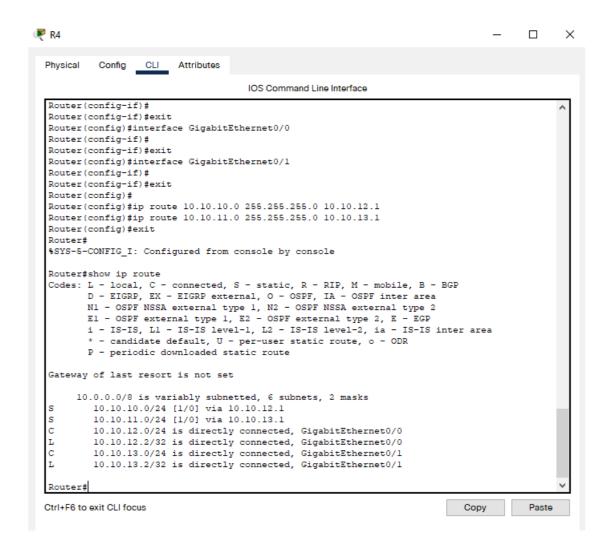


#### Router 4:

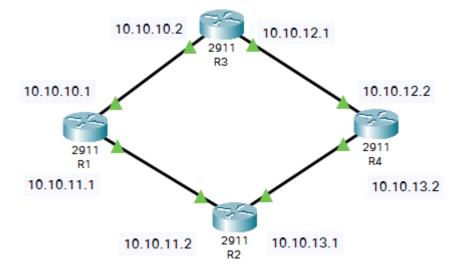




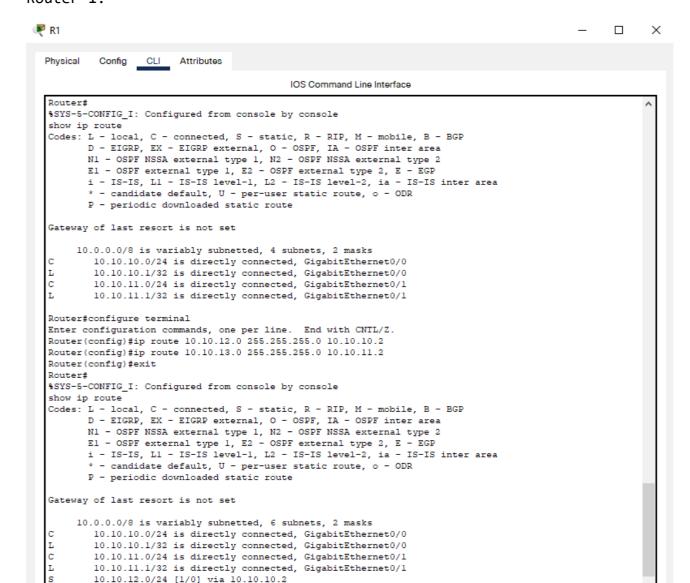




## 2) Command line.

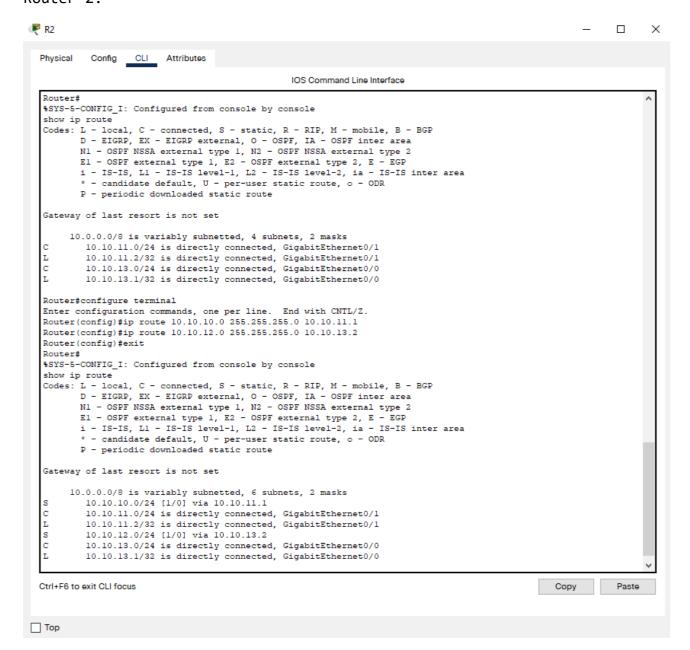


#### Router 1:

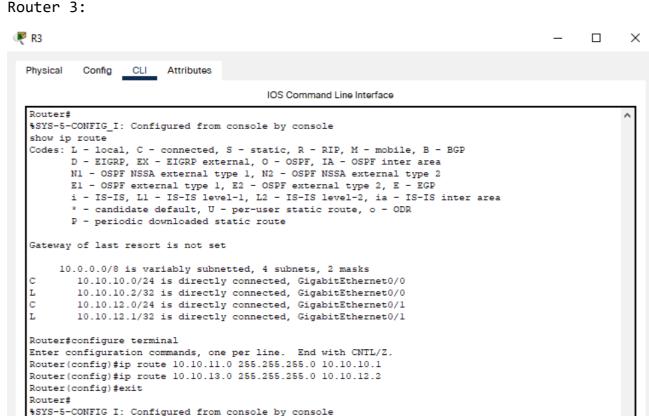


10.10.13.0/24 [1/0] via 10.10.11.2

#### Router 2:



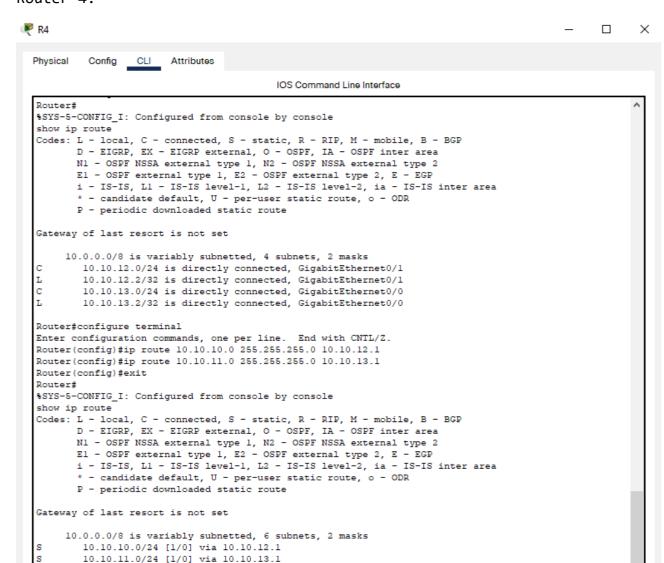
show ip route



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 is variably subnetted, 6 subnets, 2 masks C 10.10.10.0/24 is directly connected, GigabitEthernet0/0 L 10.10.10.2/32 is directly connected, GigabitEthernet0/0 s 10.10.11.0/24 [1/0] via 10.10.10.1 10.10.12.0/24 is directly connected, GigabitEthernet0/1 10.10.12.1/32 is directly connected, GigabitEthernet0/1 10.10.13.0/24 [1/0] via 10.10.12.2

Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2 E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP

#### Router 4:



10.10.12.0/24 is directly connected, GigabitEthernet0/1 10.10.12.2/32 is directly connected, GigabitEthernet0/1 10.10.13.0/24 is directly connected, GigabitEthernet0/0 10.10.13.2/32 is directly connected, GigabitEthernet0/0

Ctrl+F6 to exit CLI focus

Сору

Paste