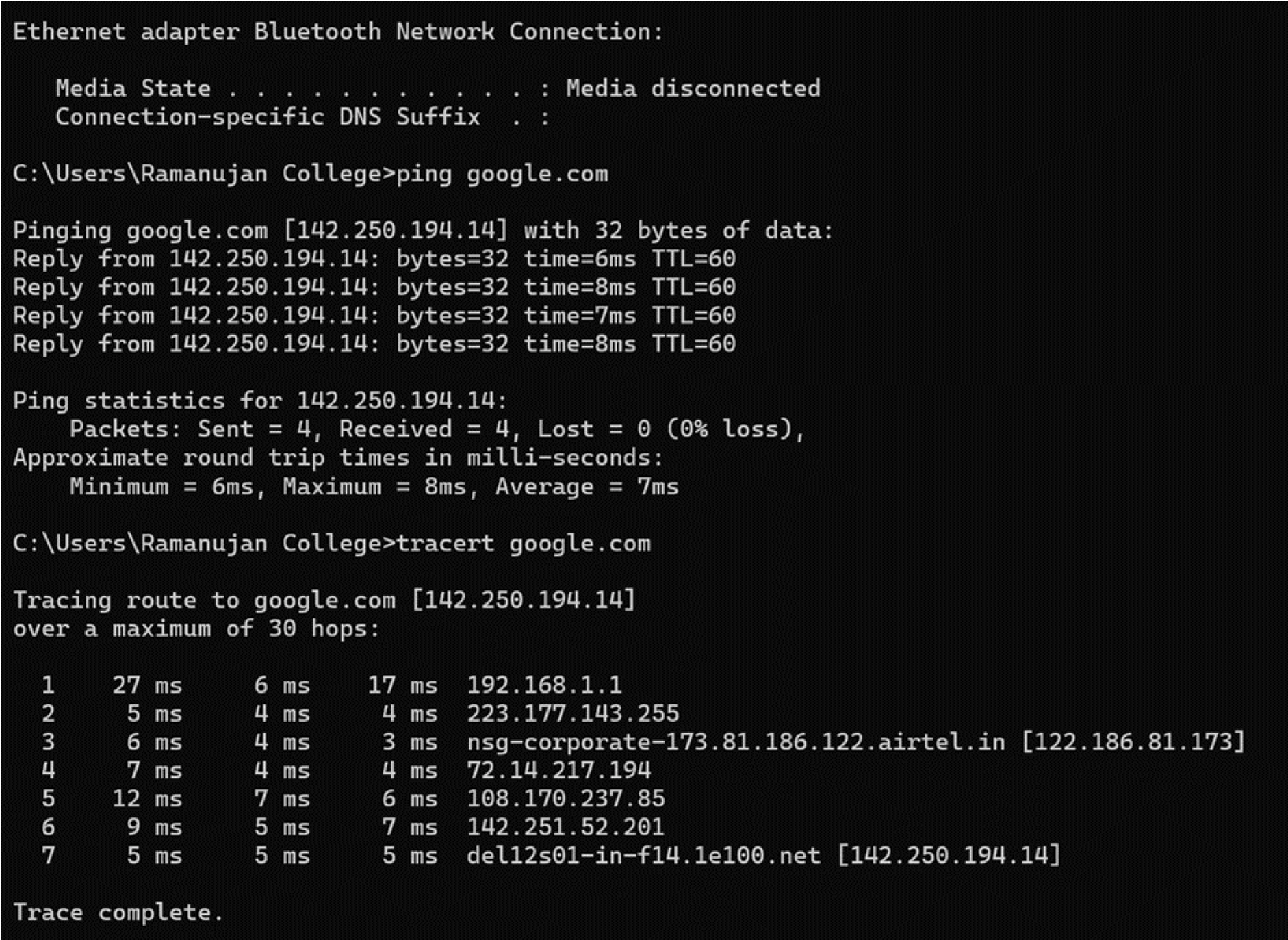
Name: - Aniket Sharma

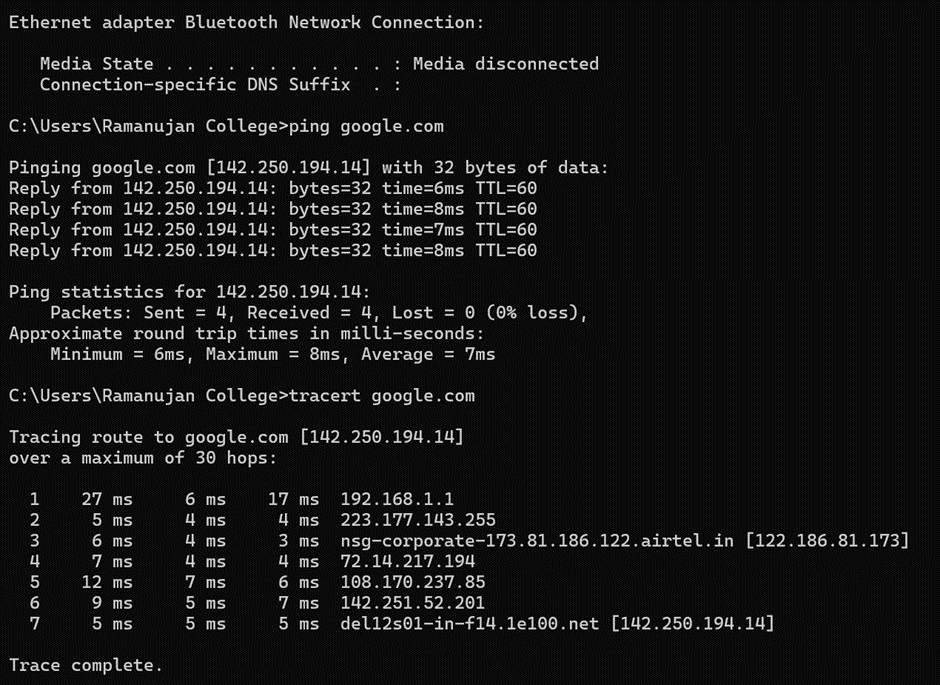
Course: - B.Sc. (H) Computer Science

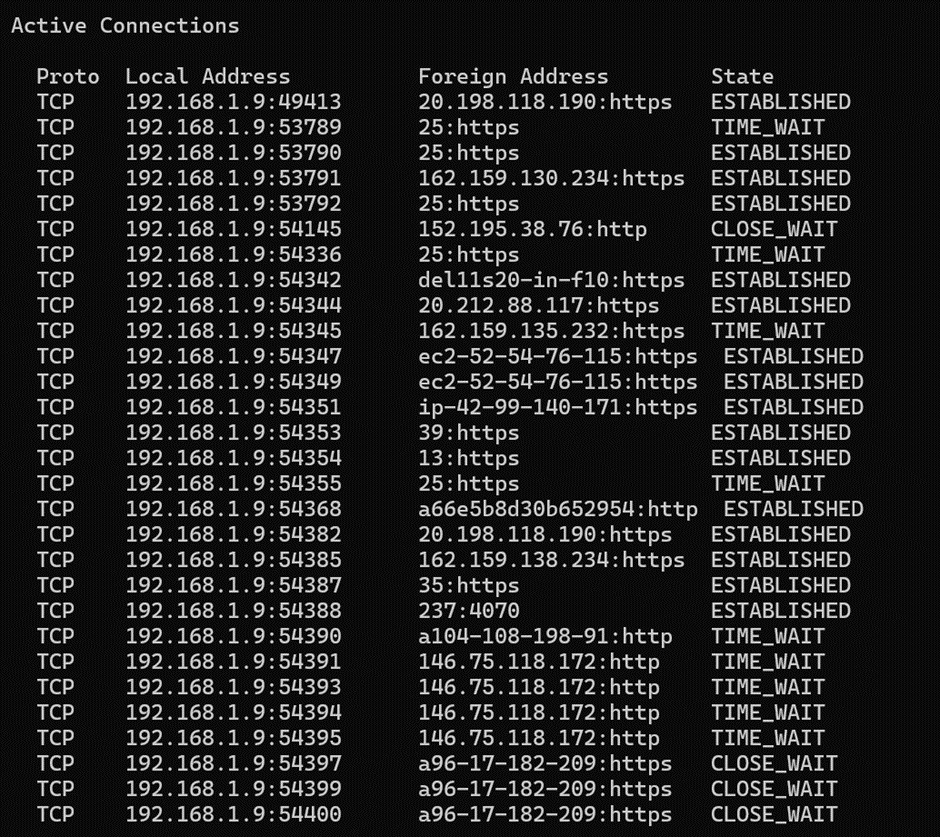
Roll No.: - 20221449

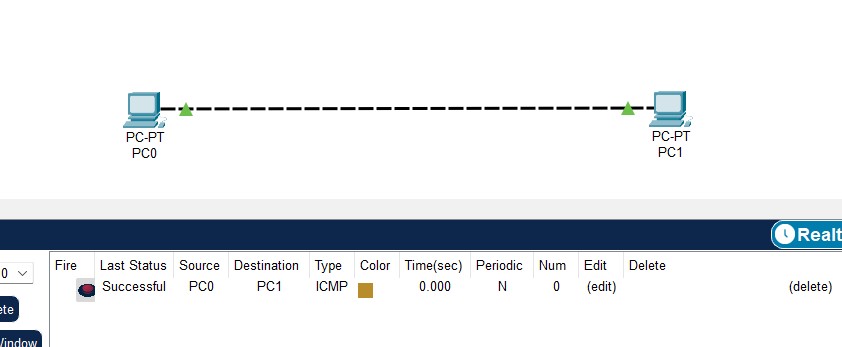
Practical: Computer network

Q1. To Study basic network command and Network configuration commands.

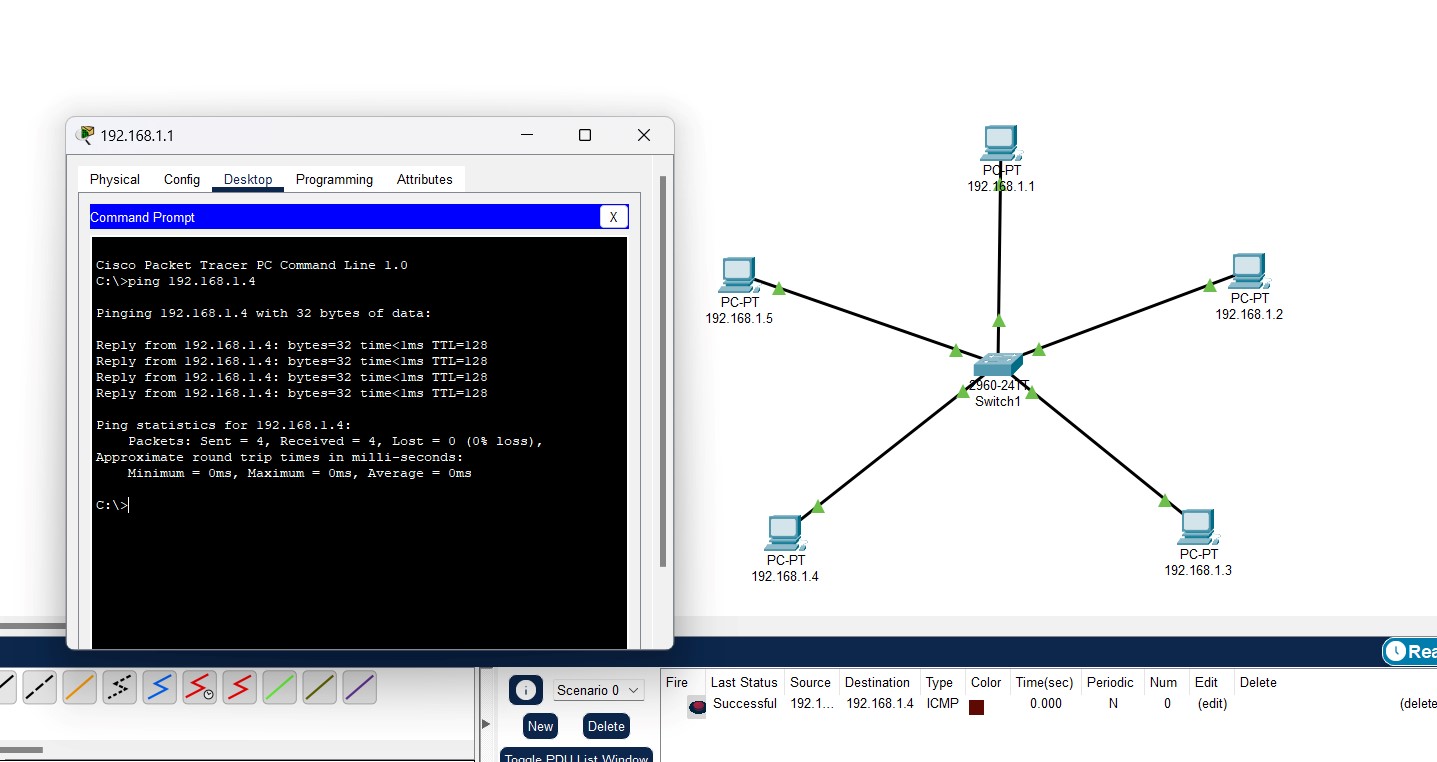


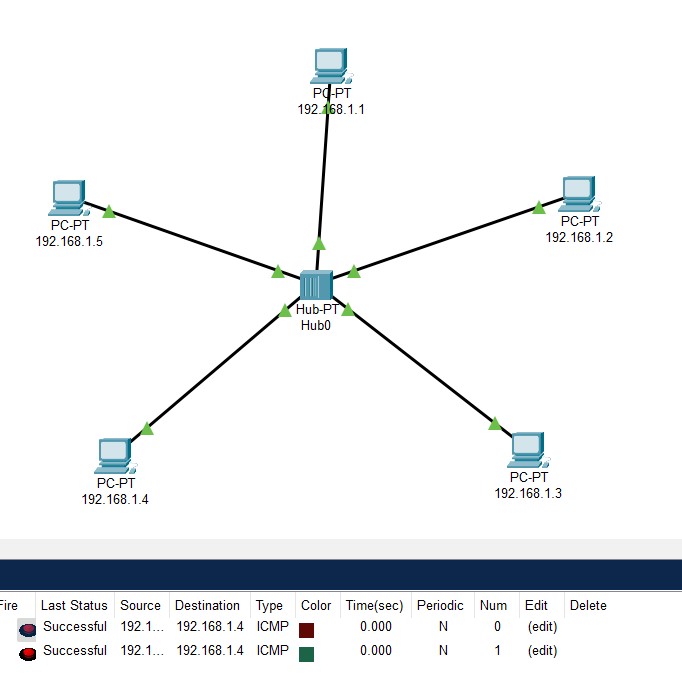




Q2. To study and perform PC to PC communication.

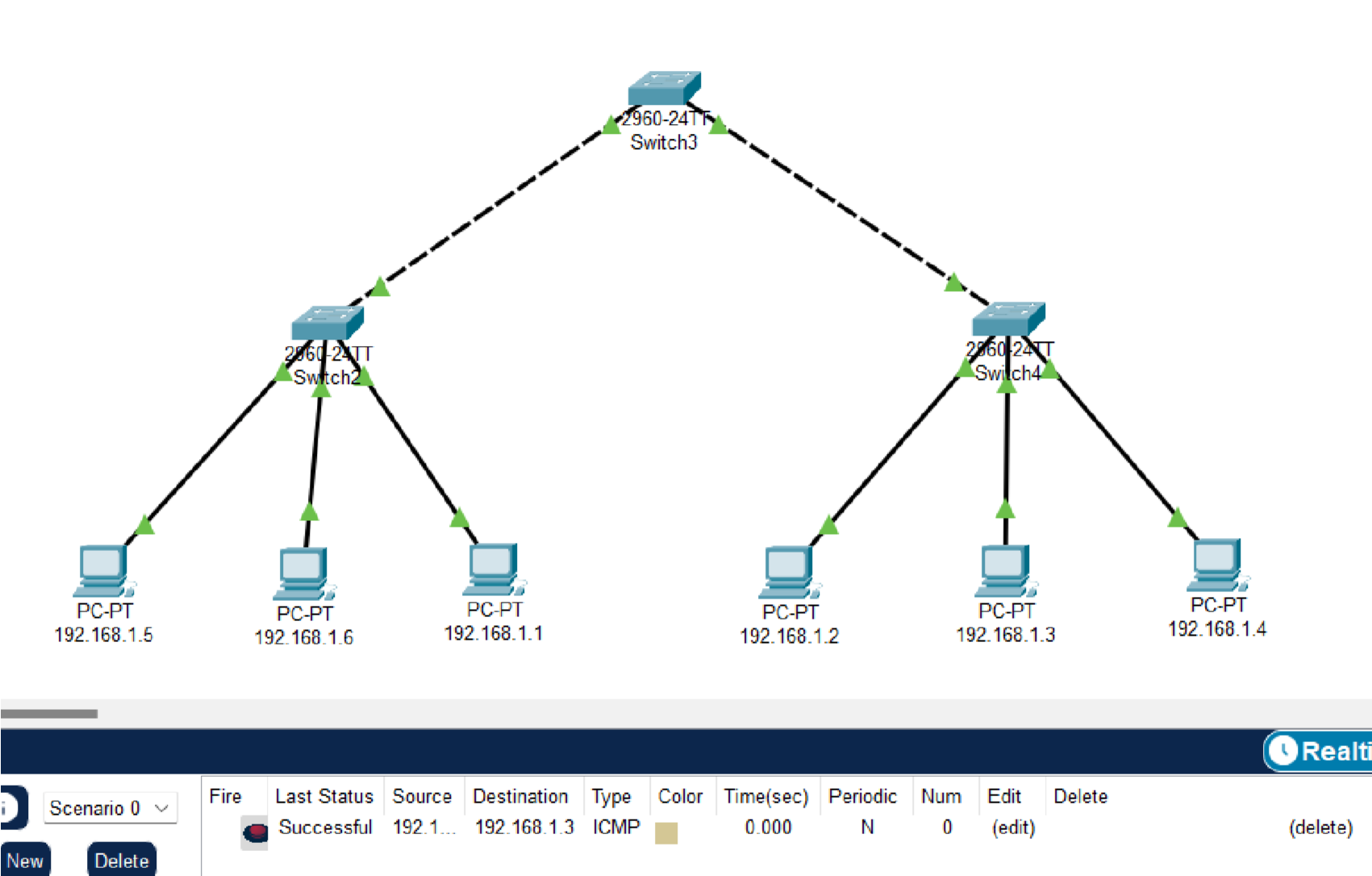
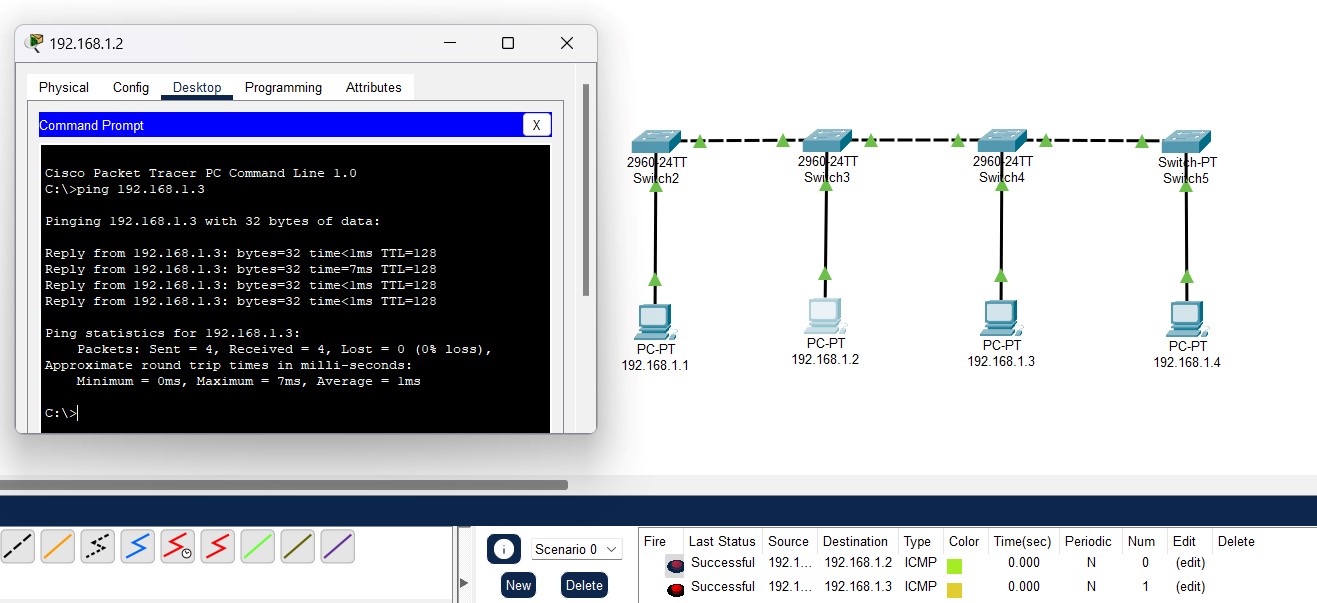
Q3. To create Star topology using Hub and Switch.

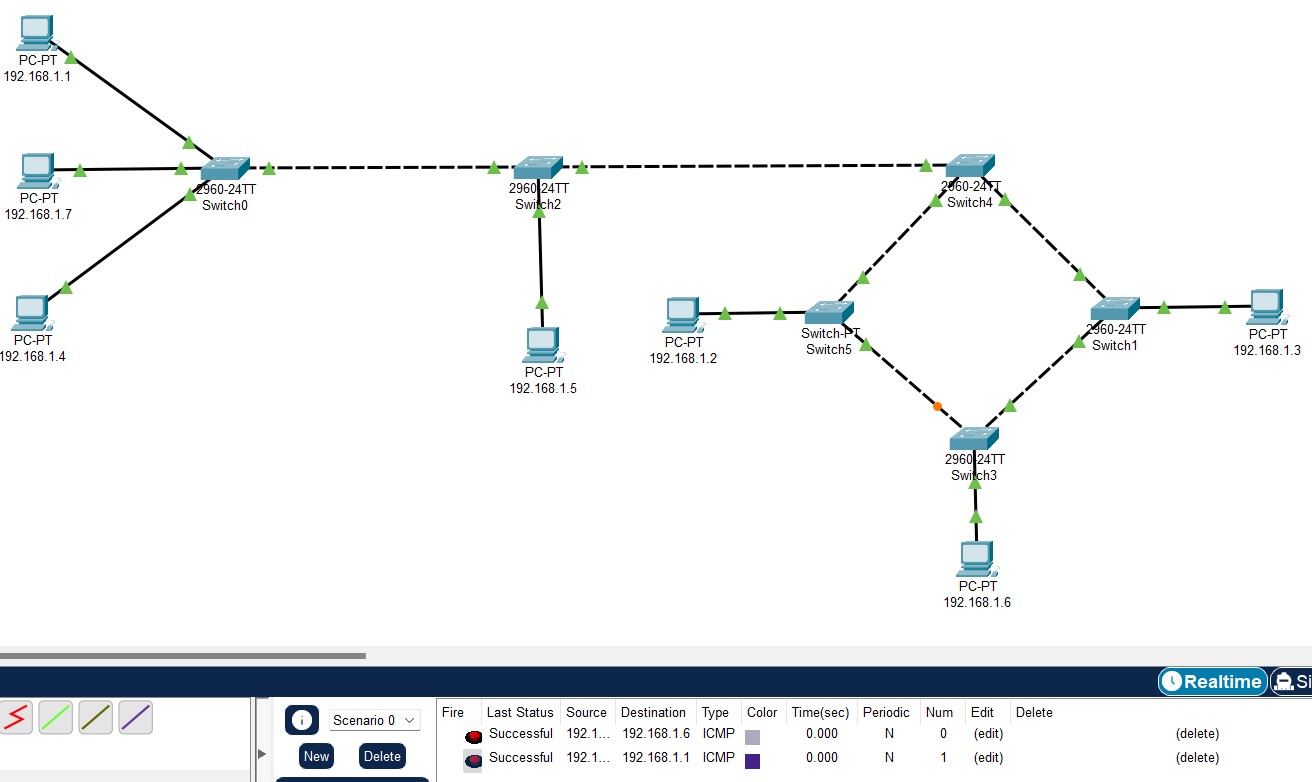
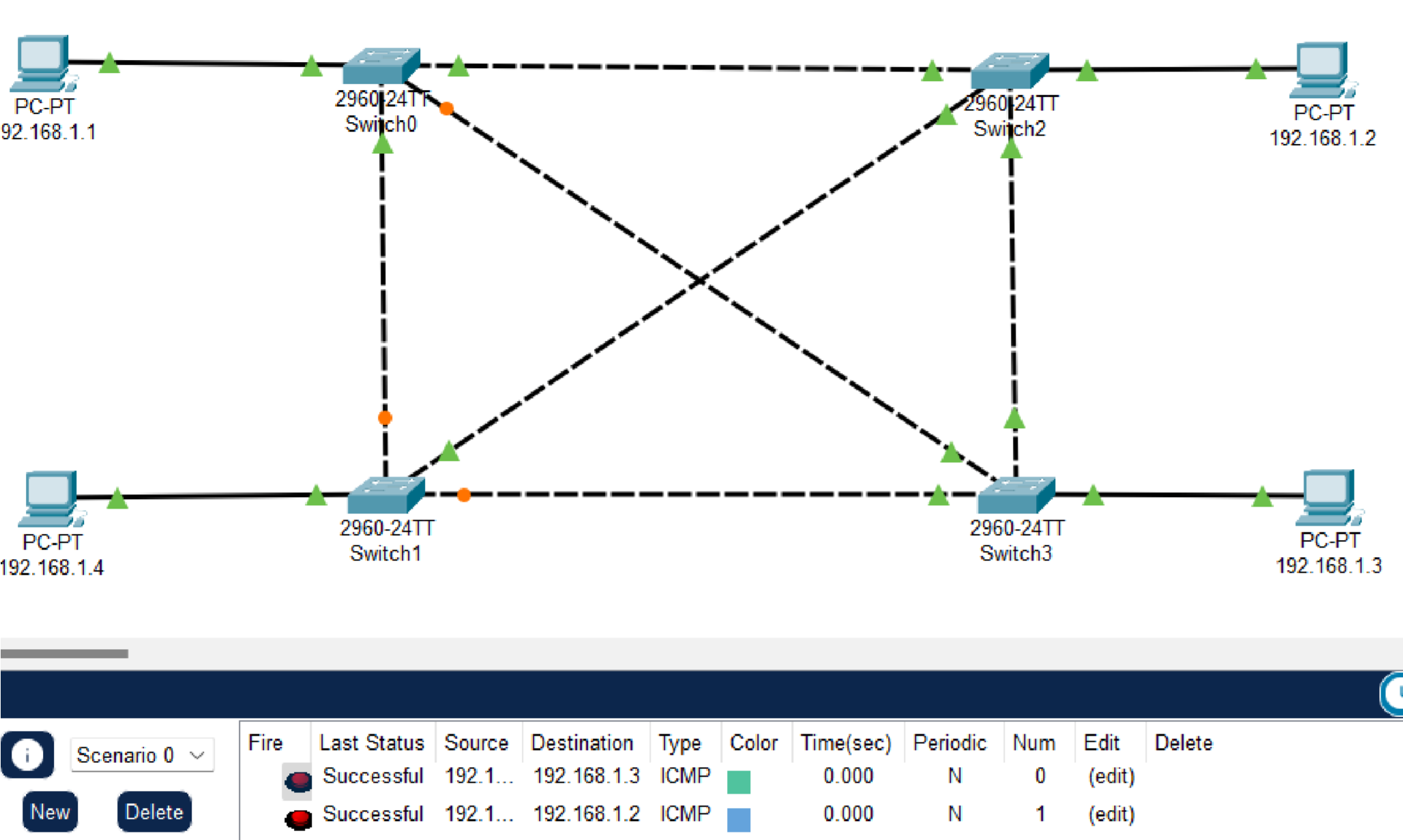
1. Using Switch
2. using Hub



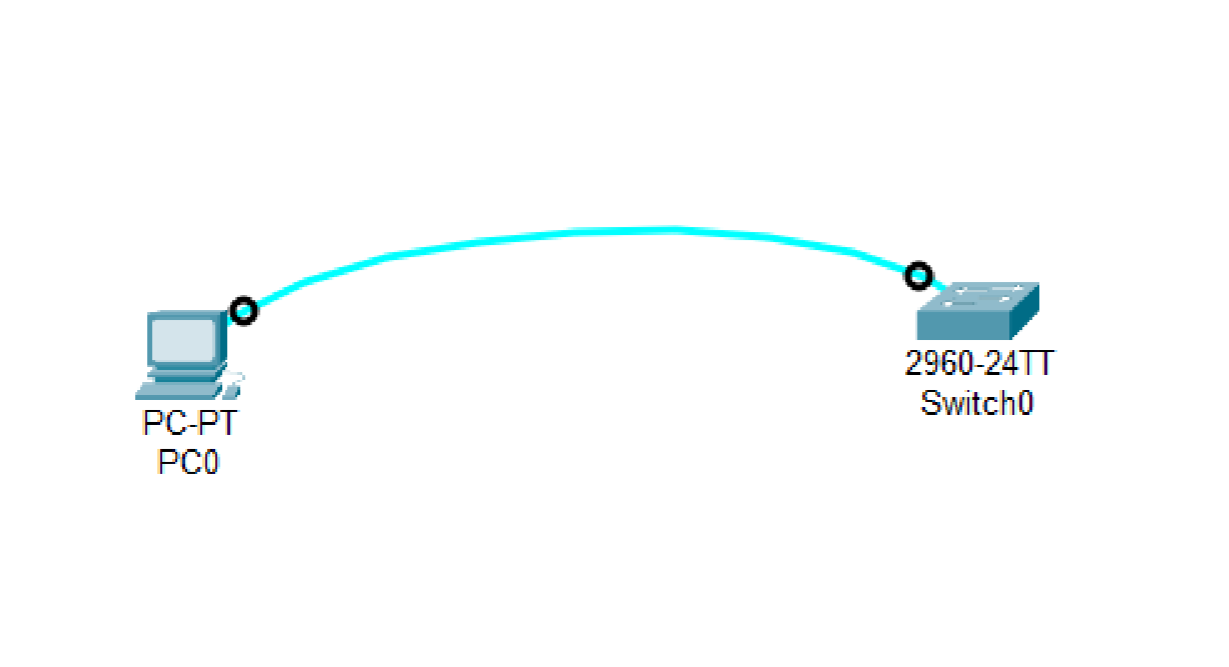
Q4. To create Bus, Ring, Tree, Hybrid, Mash topologies.

1. Bus Topology
2. Tree Topology



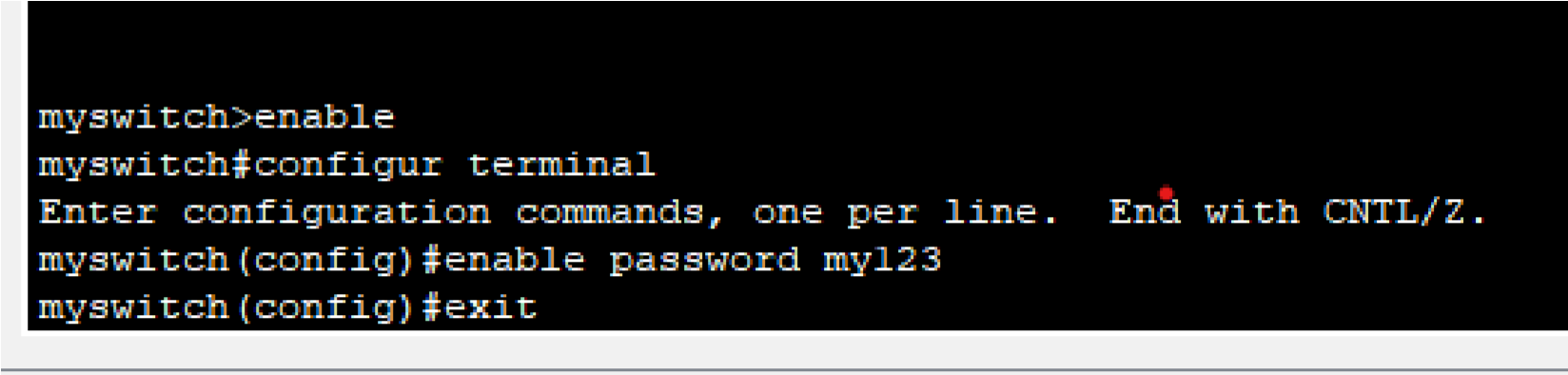
1. Hybrid Topology
2.  Mash topology

Q5. Perform an initial Switch configuration

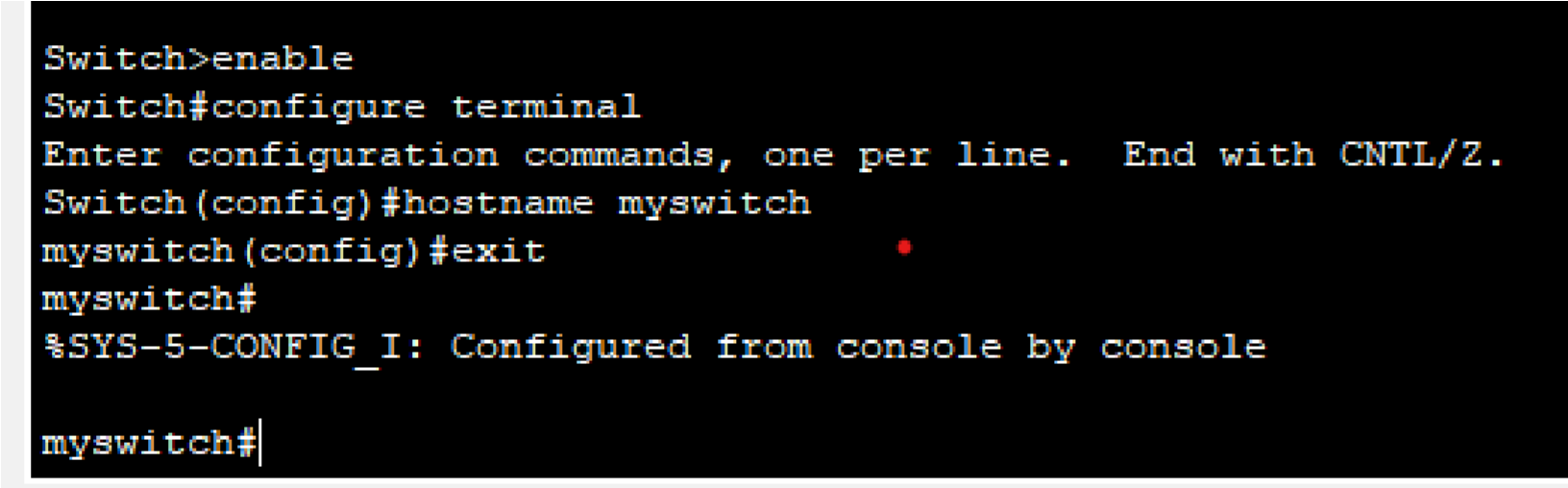


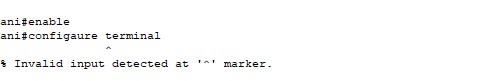
Name

password

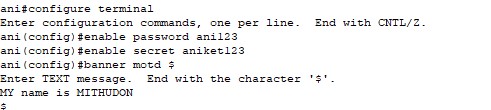


Q6. Perform an initial Router configuration.

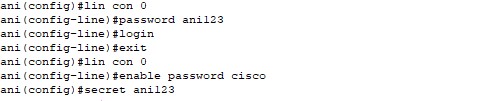
Host Setting



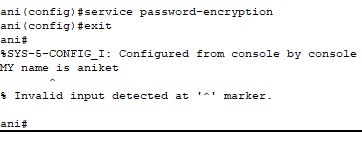
Set a message of the day (MOTD) banner for the users.



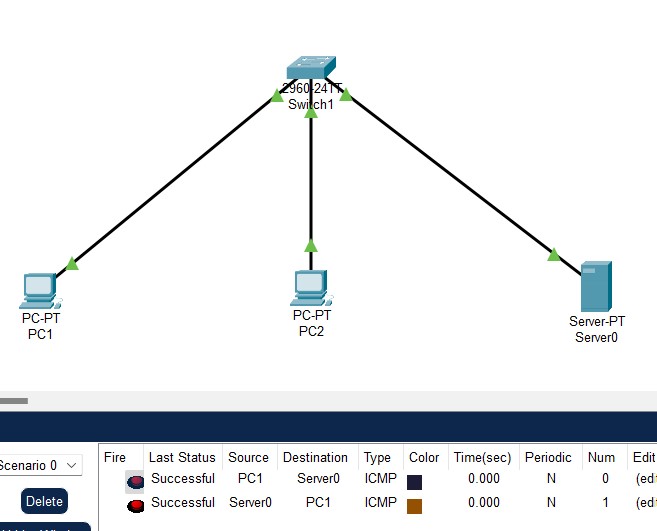
To configure the Line Control password

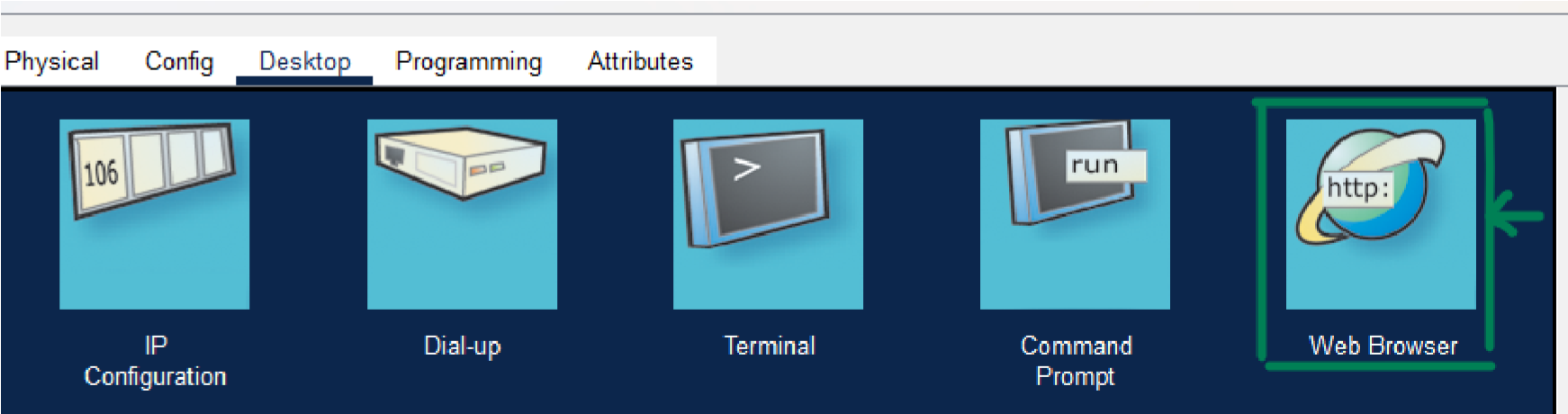


Enable secret follow the below commands:



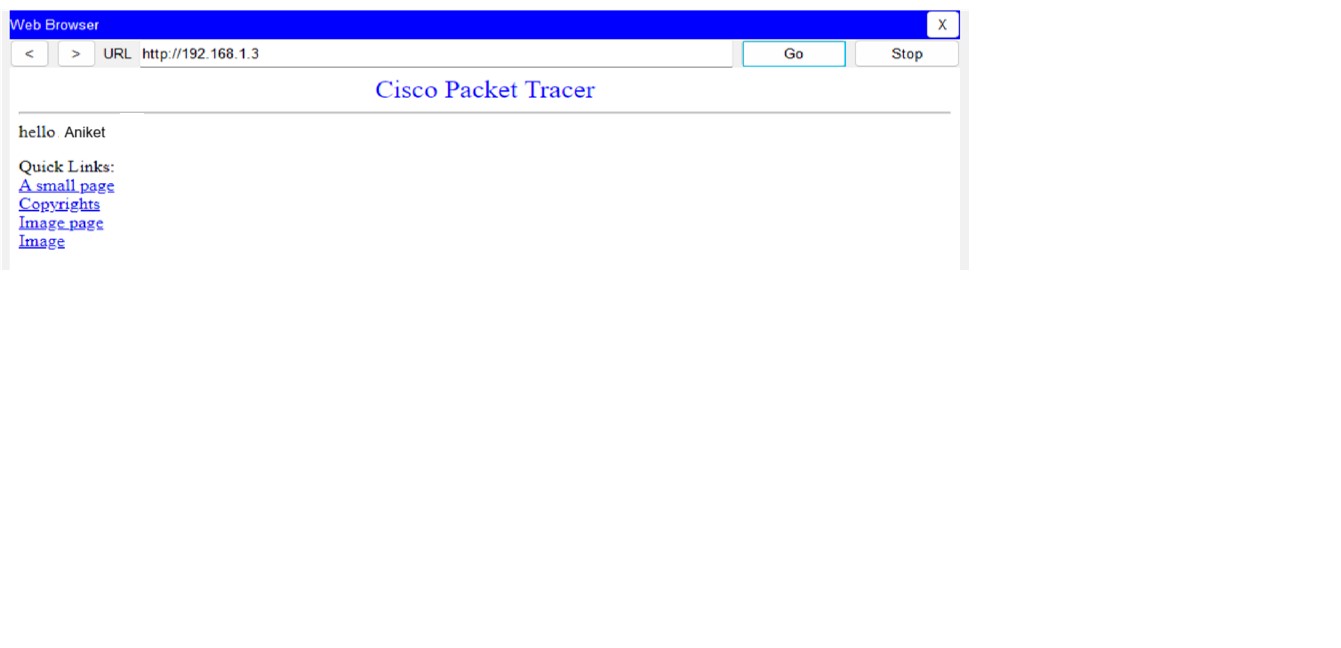
Q7. To implement Client-server Network.

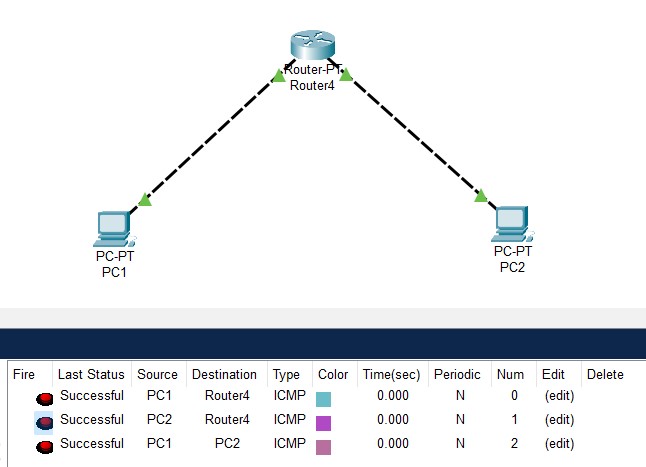
Step 1. In any pc go to web server.

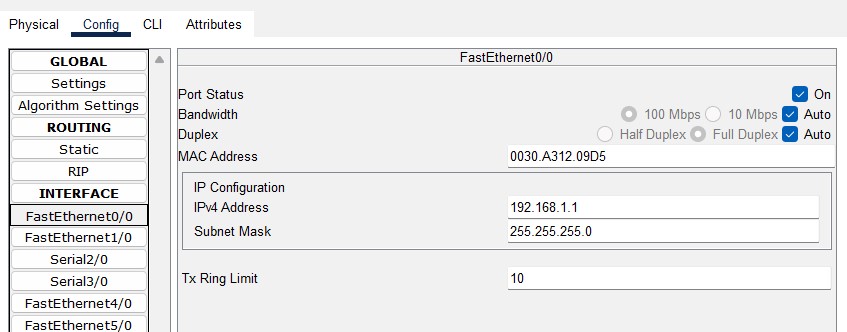


-> Step 2. Enter IP address of server connected to your switch in web server URL. Then press GO.

Q8. To implement connection between devices using router.





Router configuration