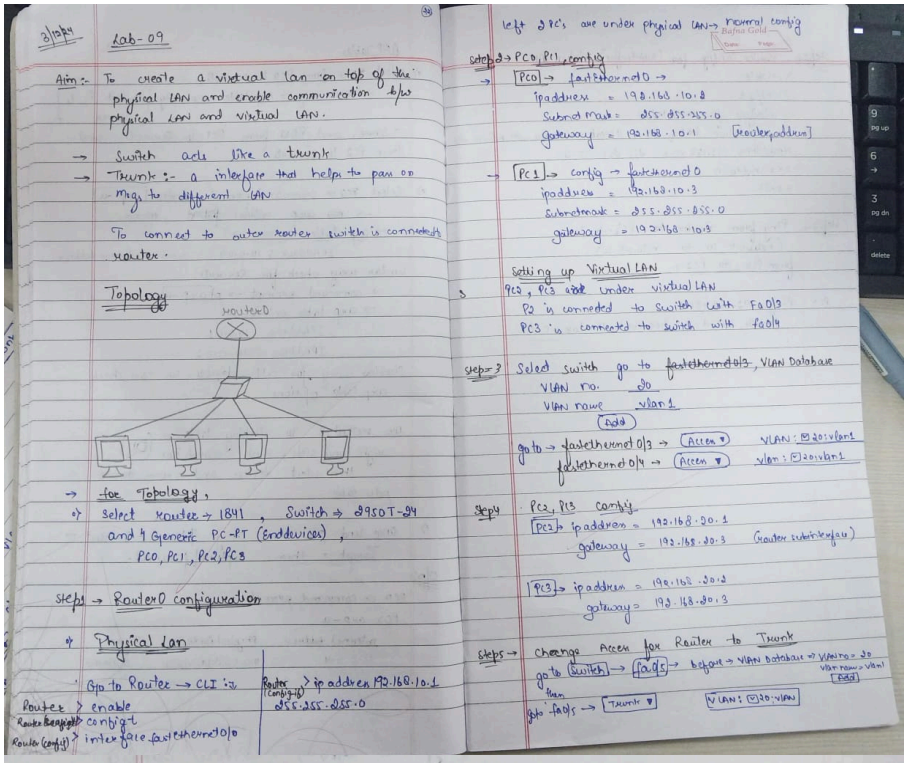
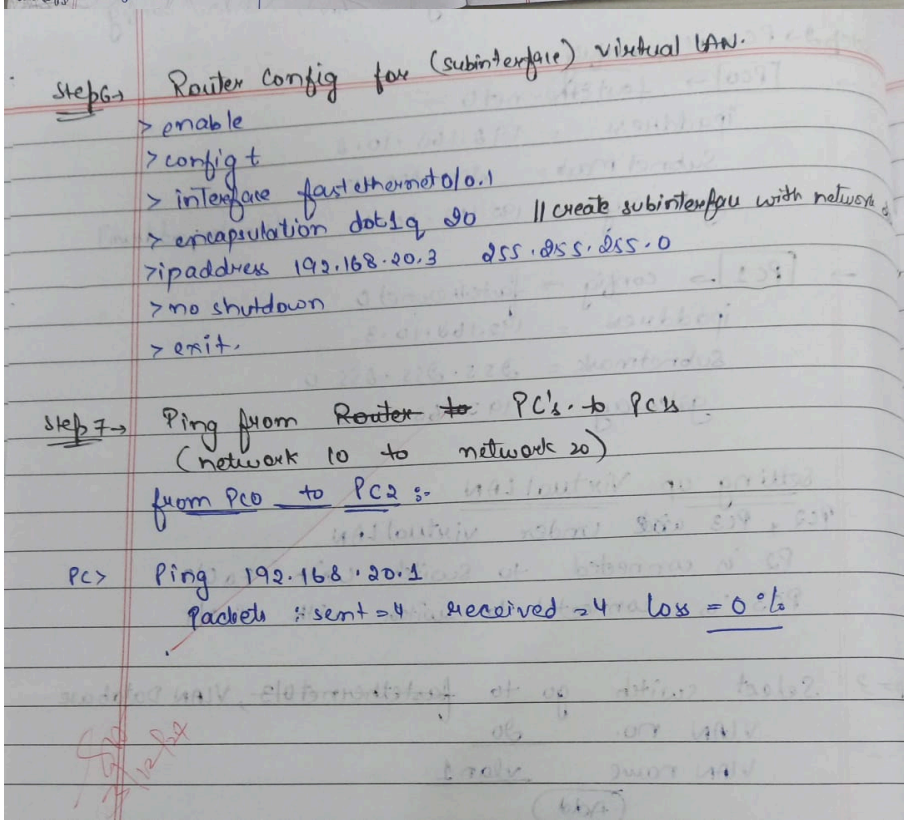
NAME : Manvi Sharma USN: 1BM22CS149

CN LAB 9

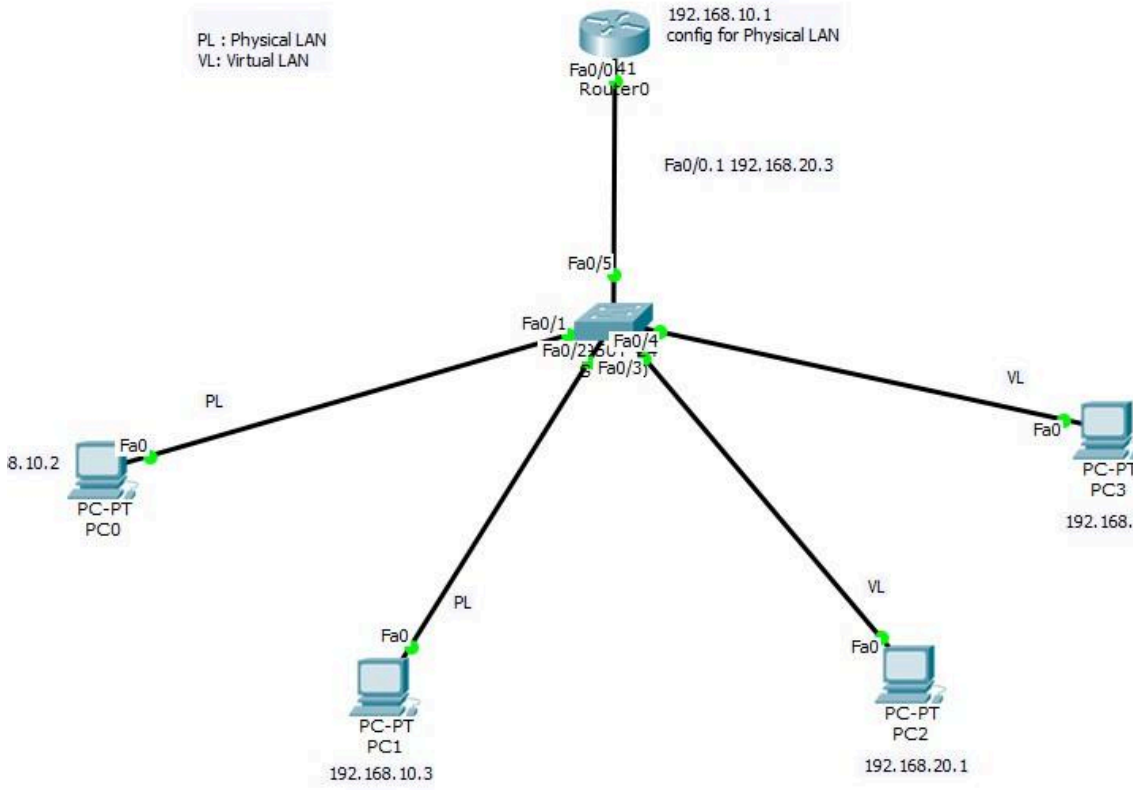
**AIM:** TO CREATE A VIRTUAL LAN ON TOP OF THE PHYSICAL LAN AND ENABLE COMMUNICATION B/W PHYSICAL LAN AND VIRTUAL LAN

OBSERVATION:

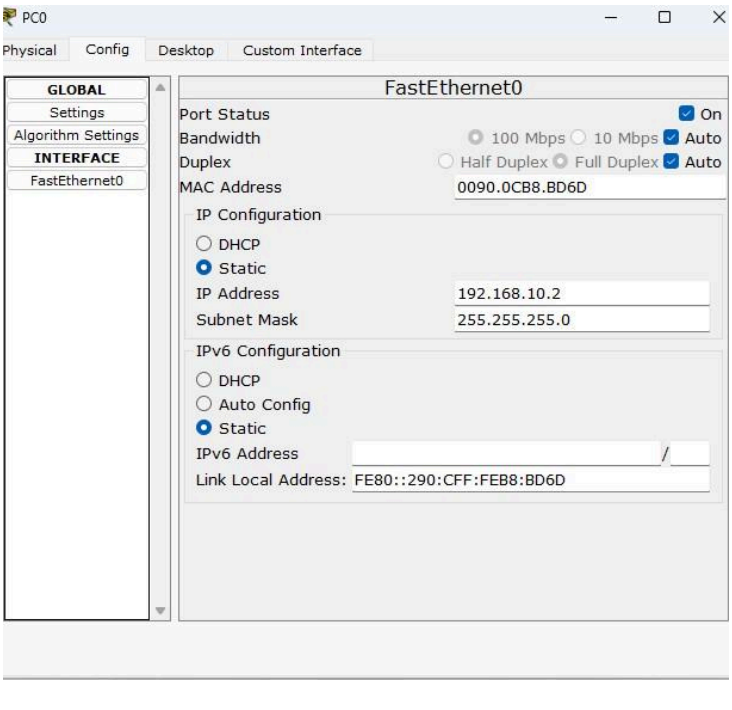


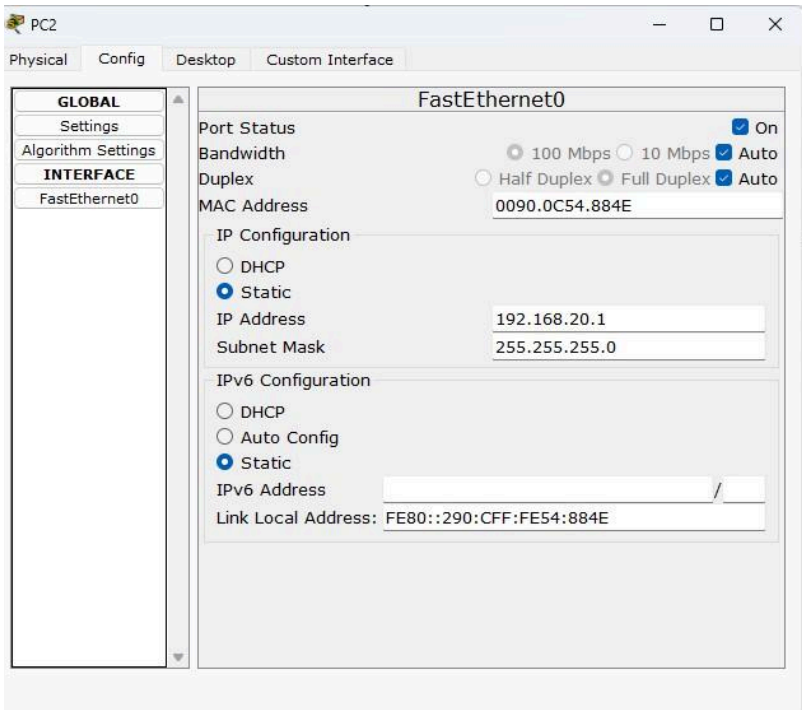
TOPOLOGY:



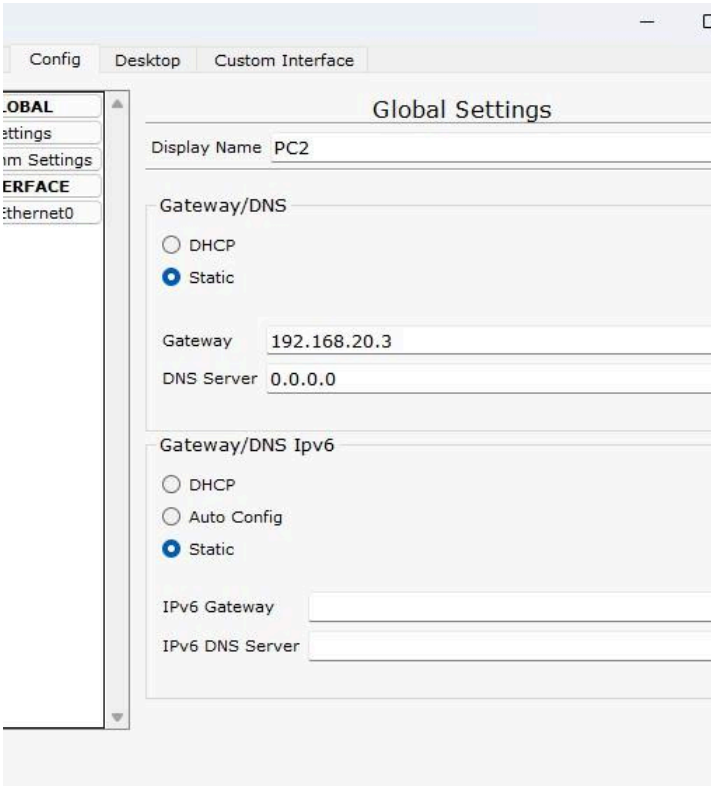

PC0 CONFIGURATION:



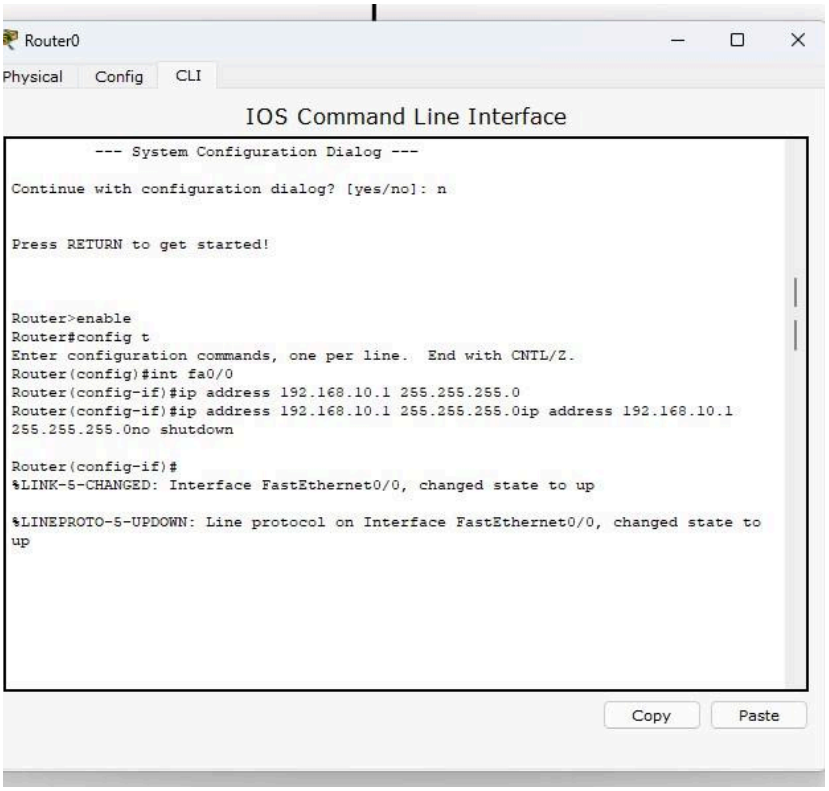

PC2 CONFIGURATION:



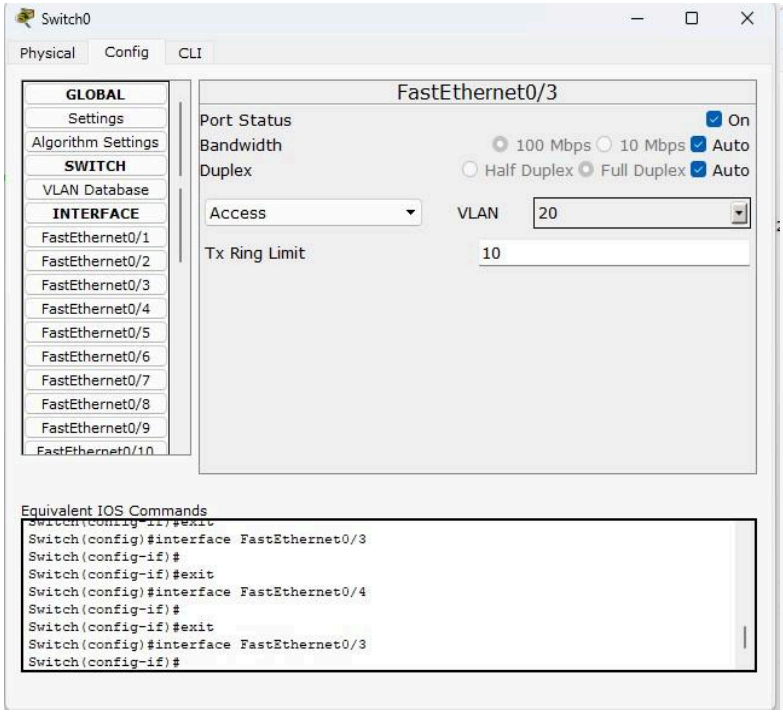
PC2 Gateway CONFIGURATION:



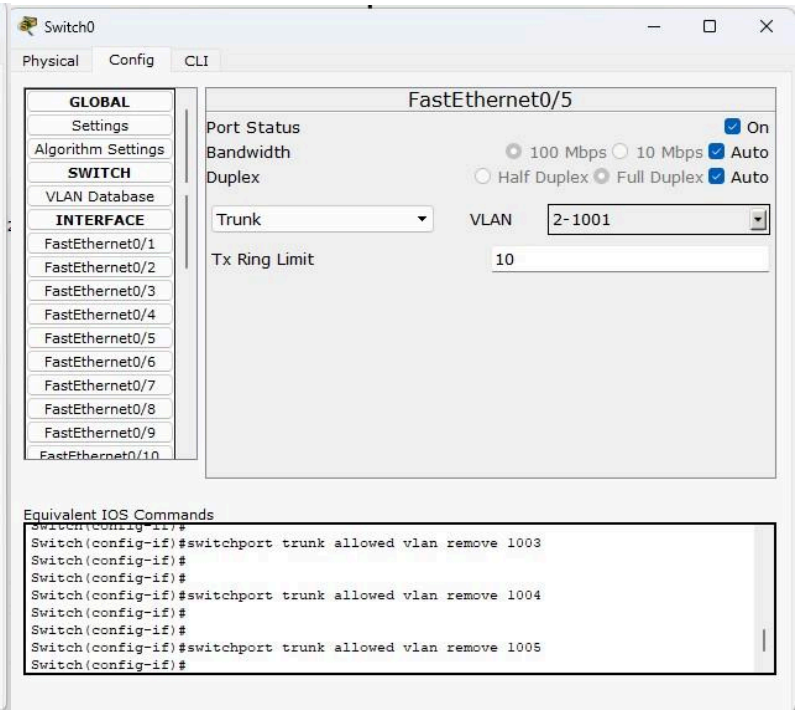

ROUTER0 CONFIGURATION:



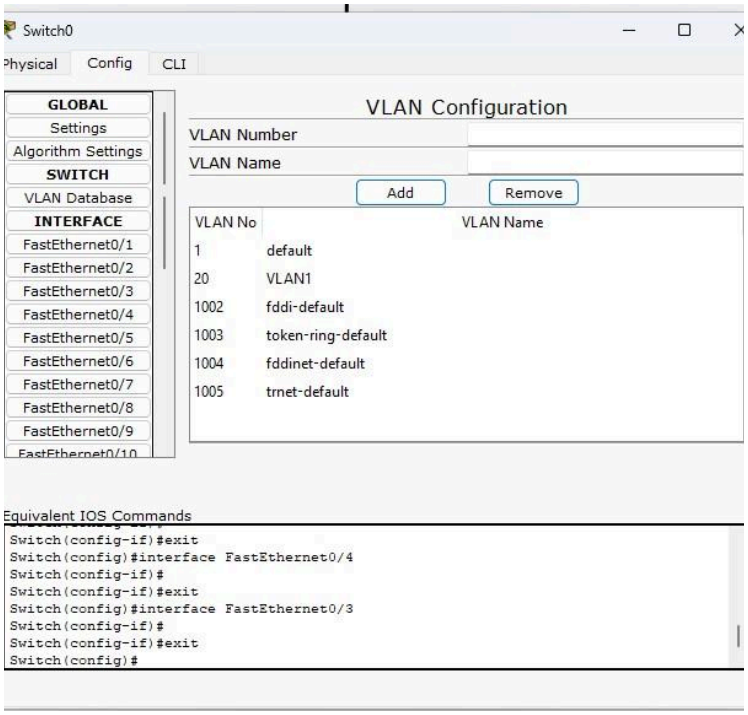

SWITCH Fa 0/3 configuration




SWITCH Fa 0/5 configuration

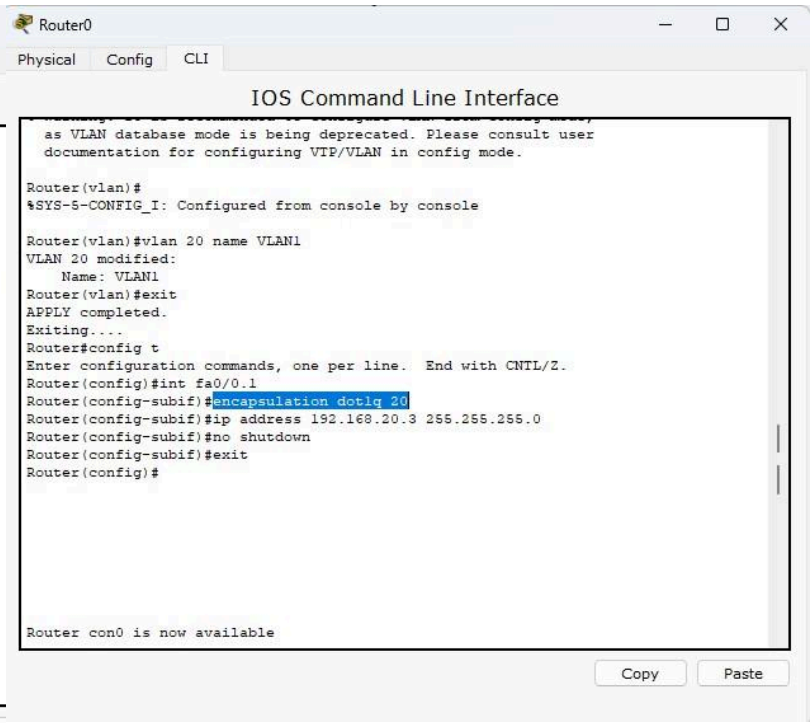


SWITCH VLAN Database

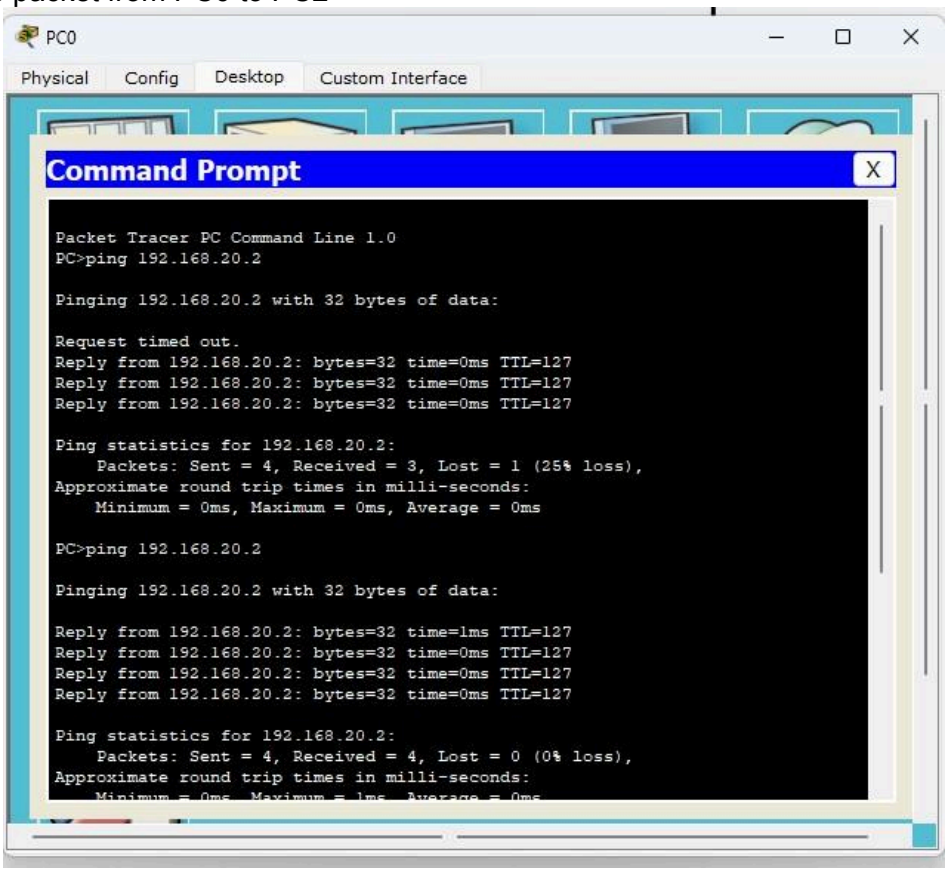



Creation of Fa 0/0.1

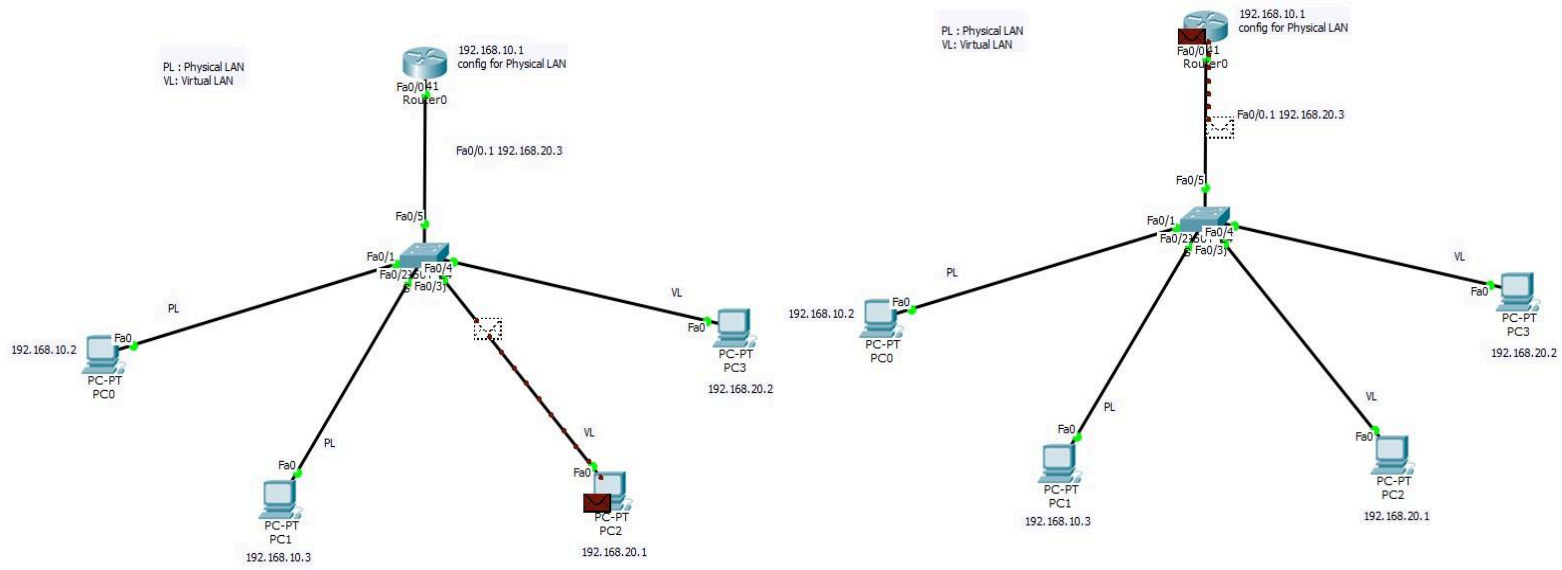

Encapsulating Fa 0/0.1



Ping message packet from PC0 to PC2




PDU



PDU Received