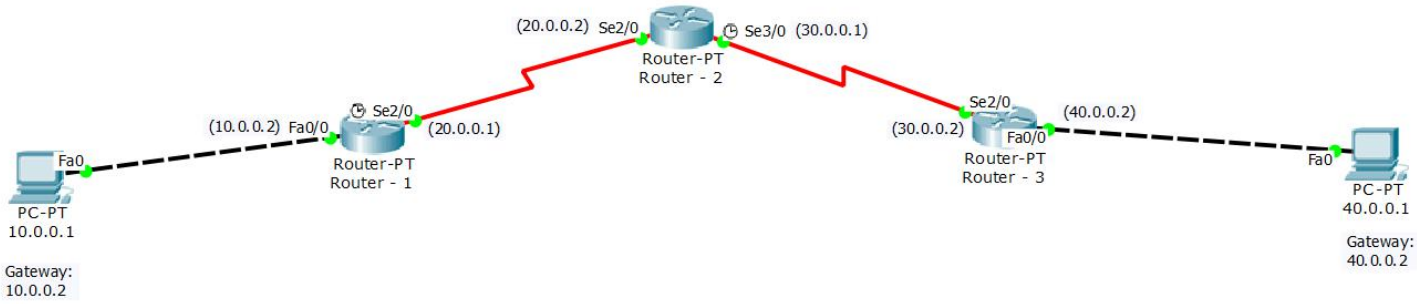
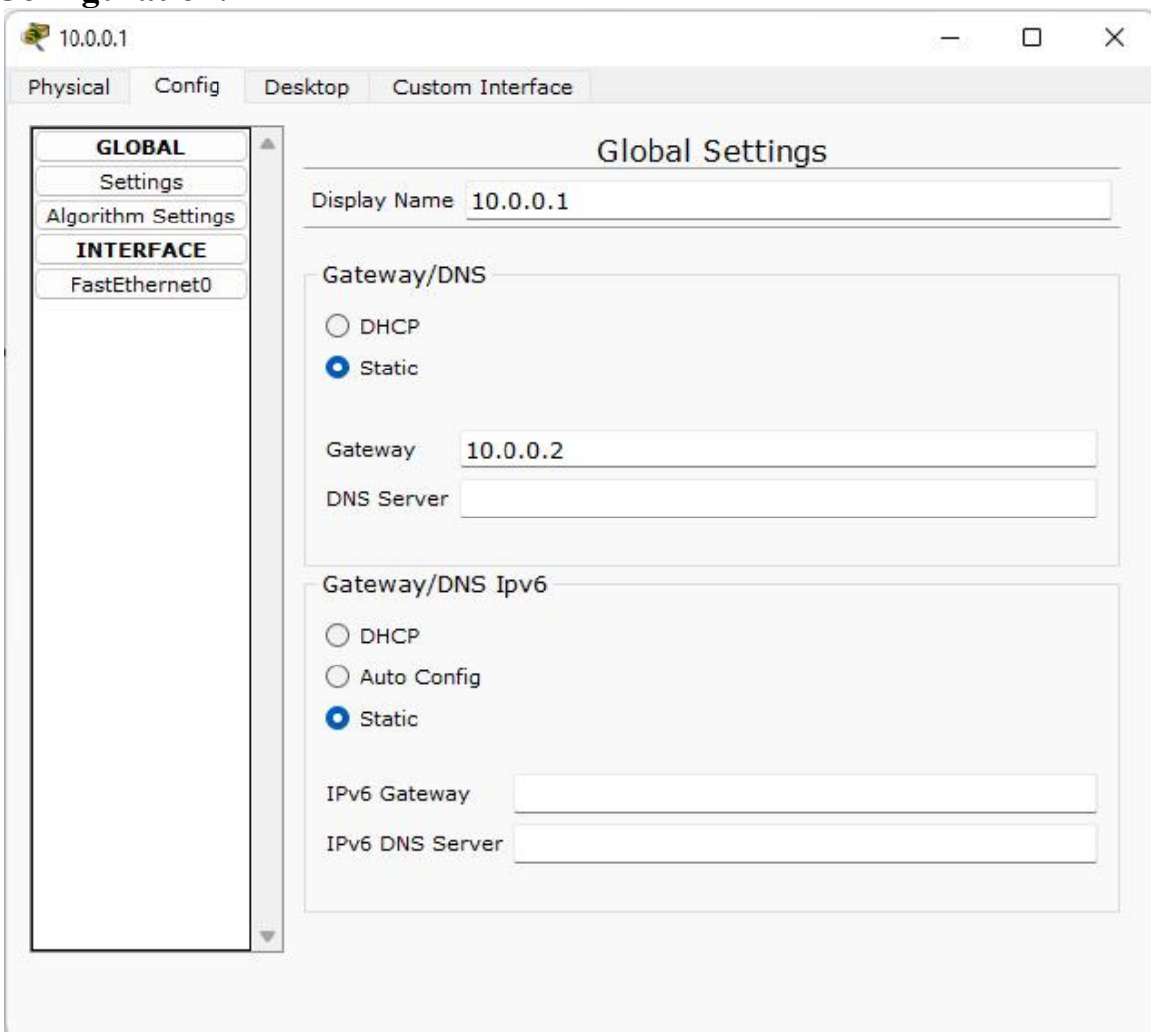
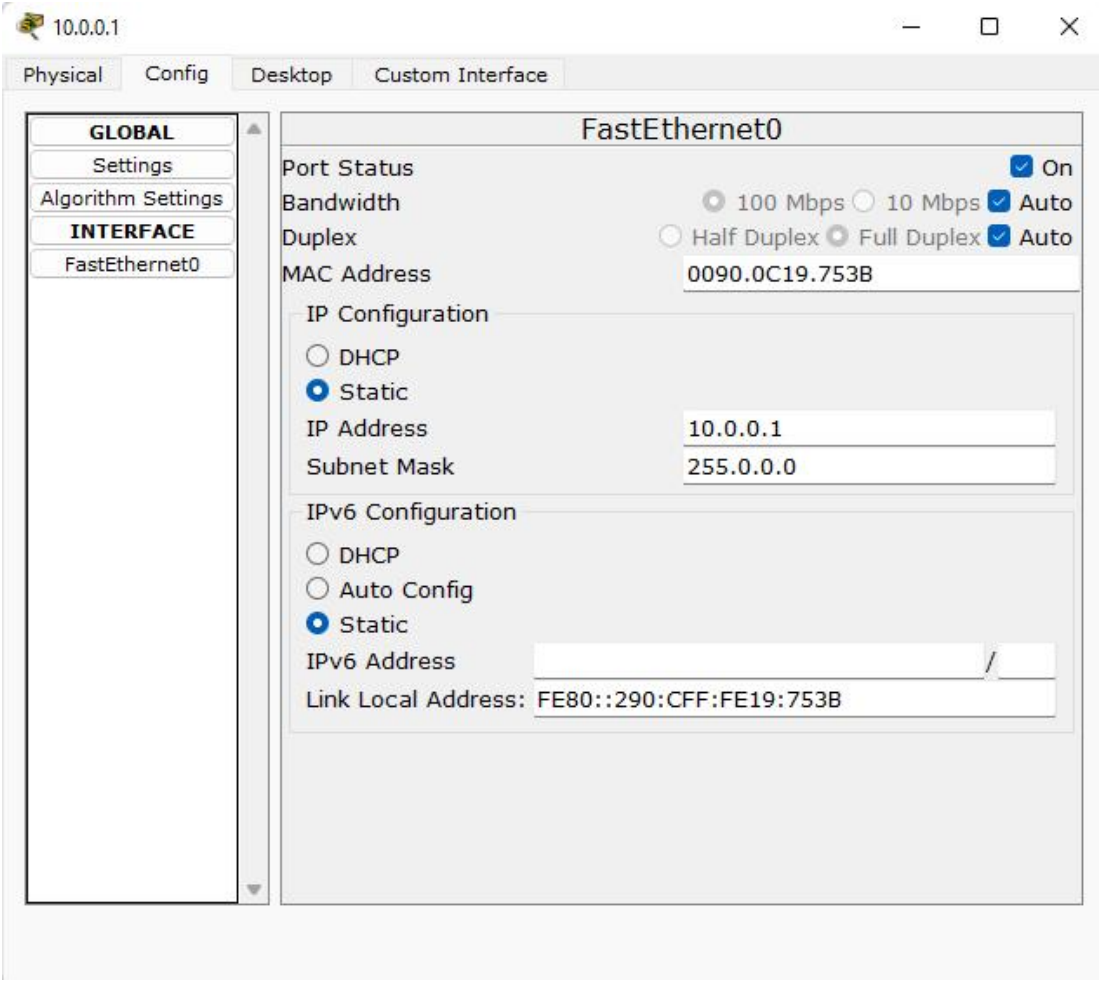
Experiment - 6

Topology:

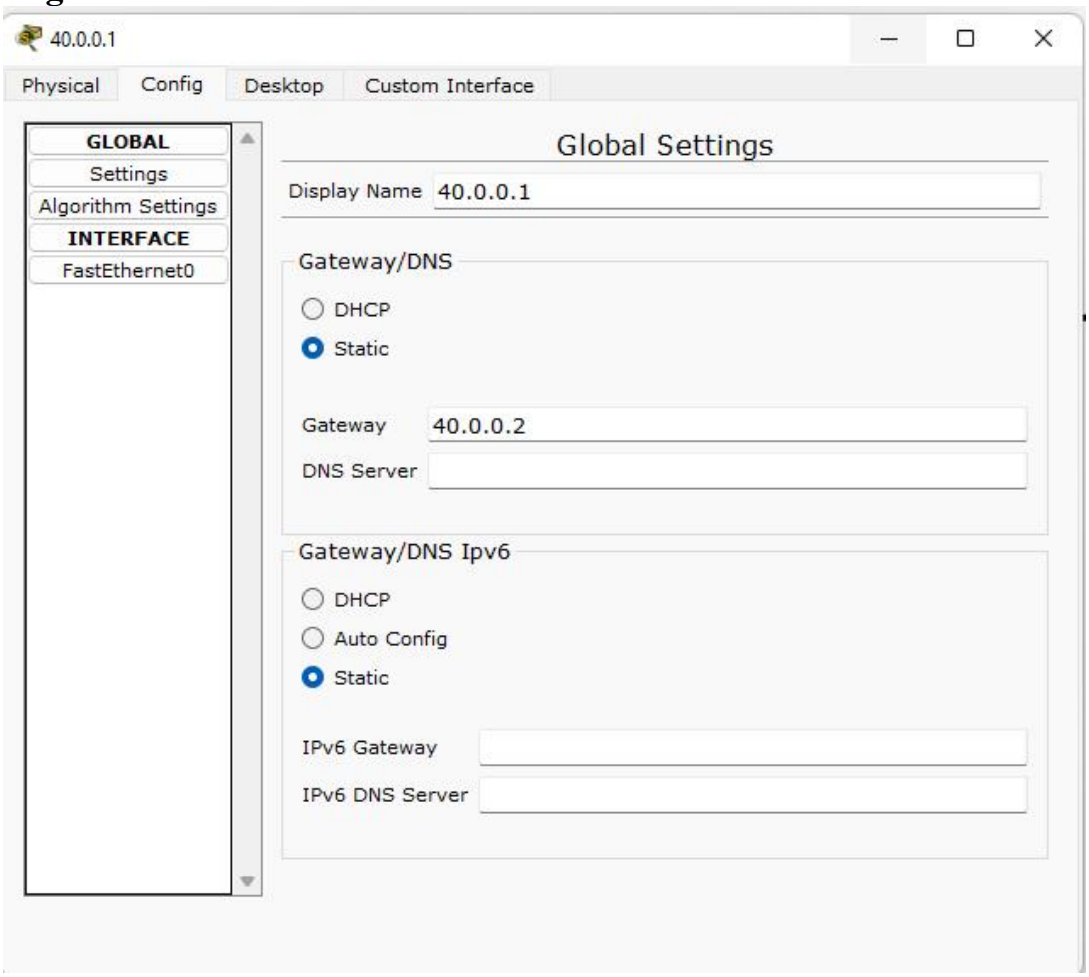


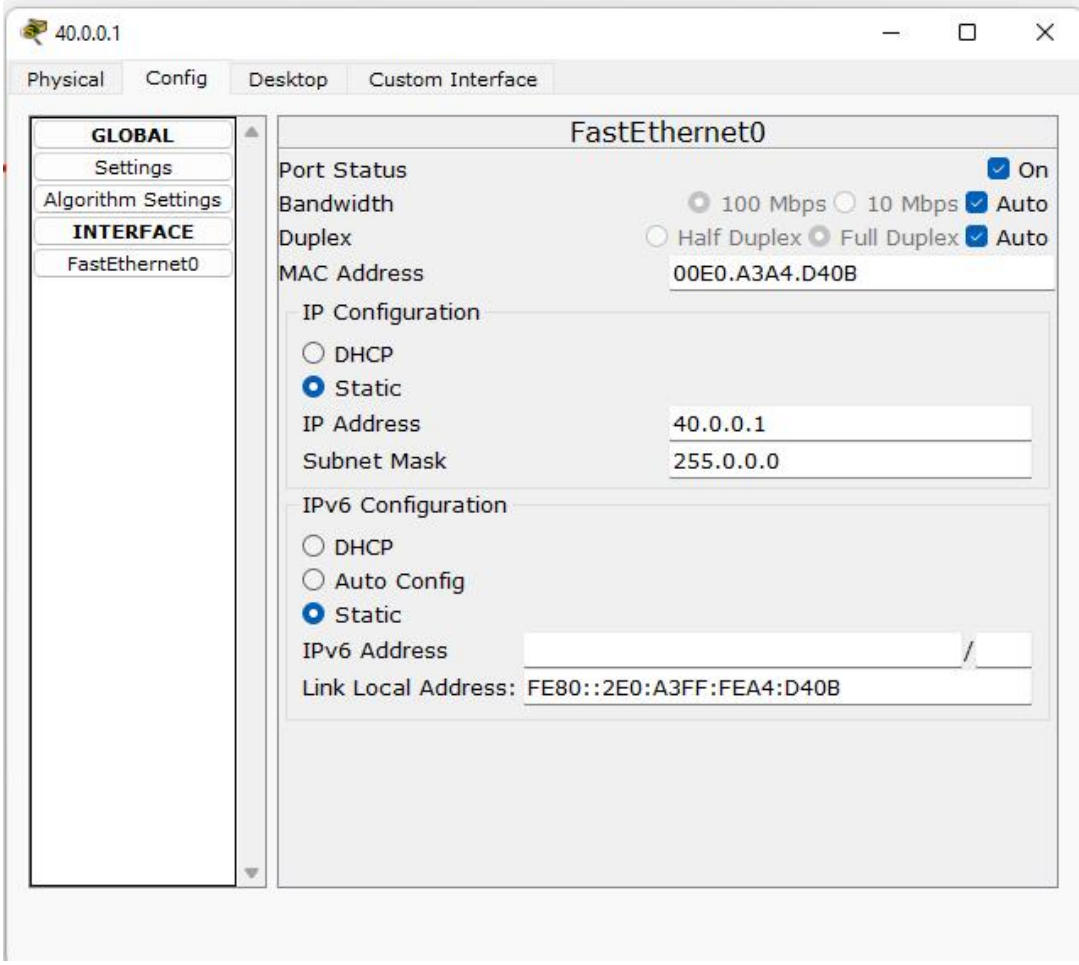
PC - 1 Configuration:



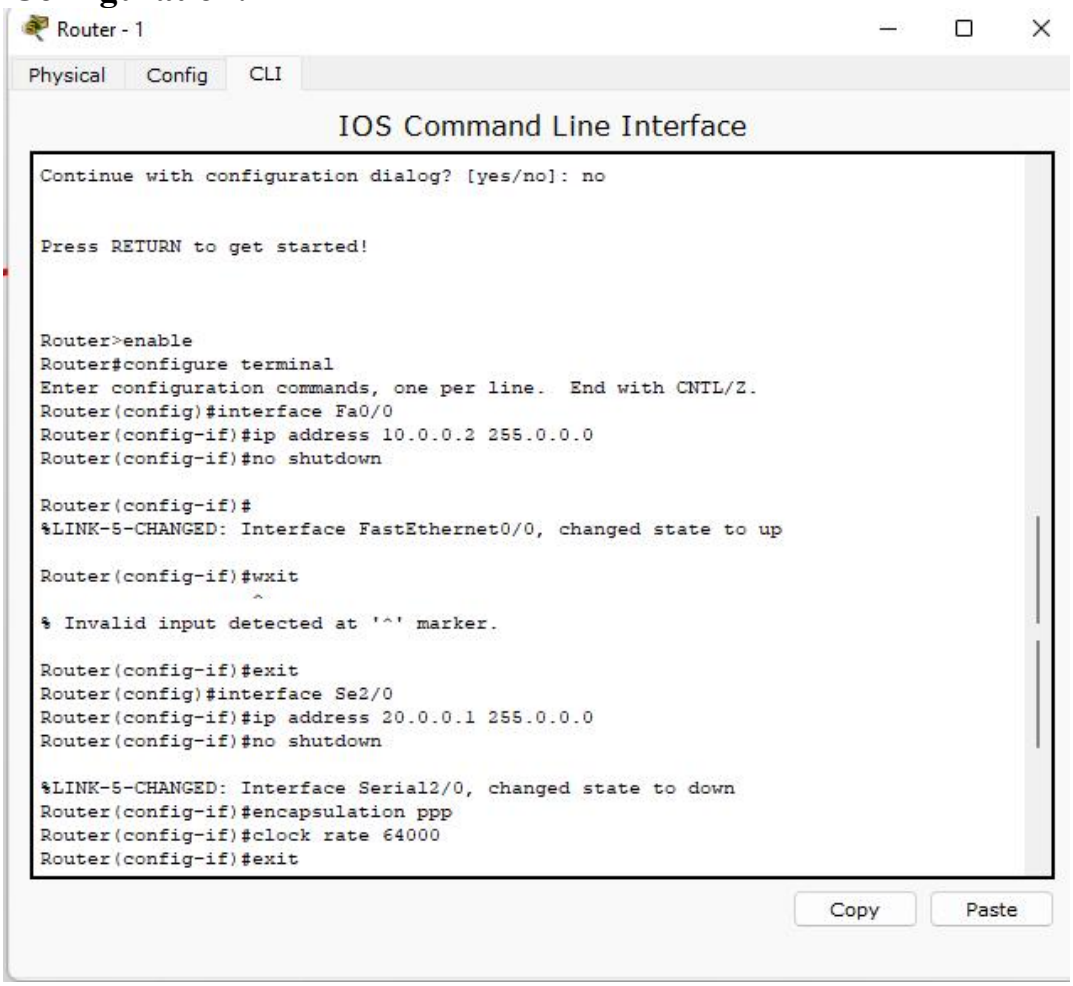


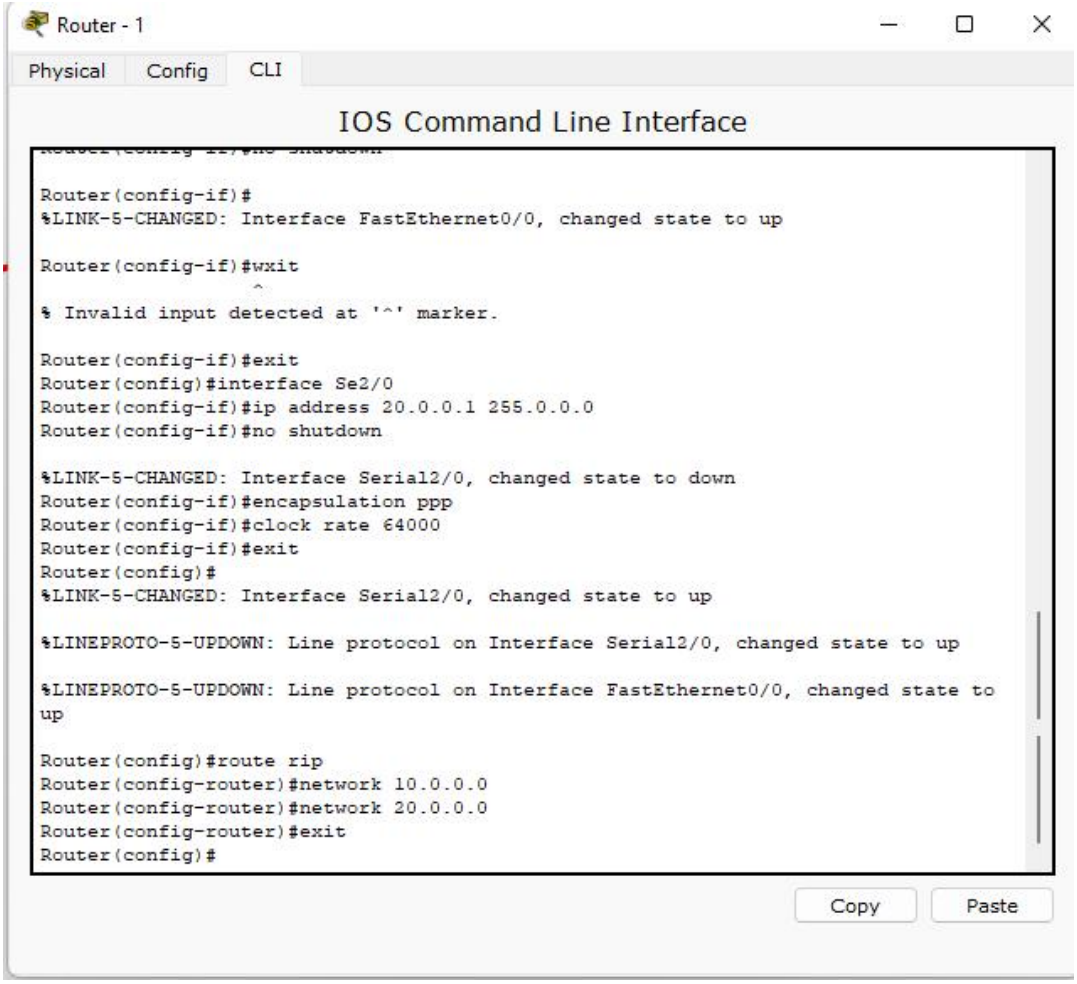
PC - 2 Configuration:



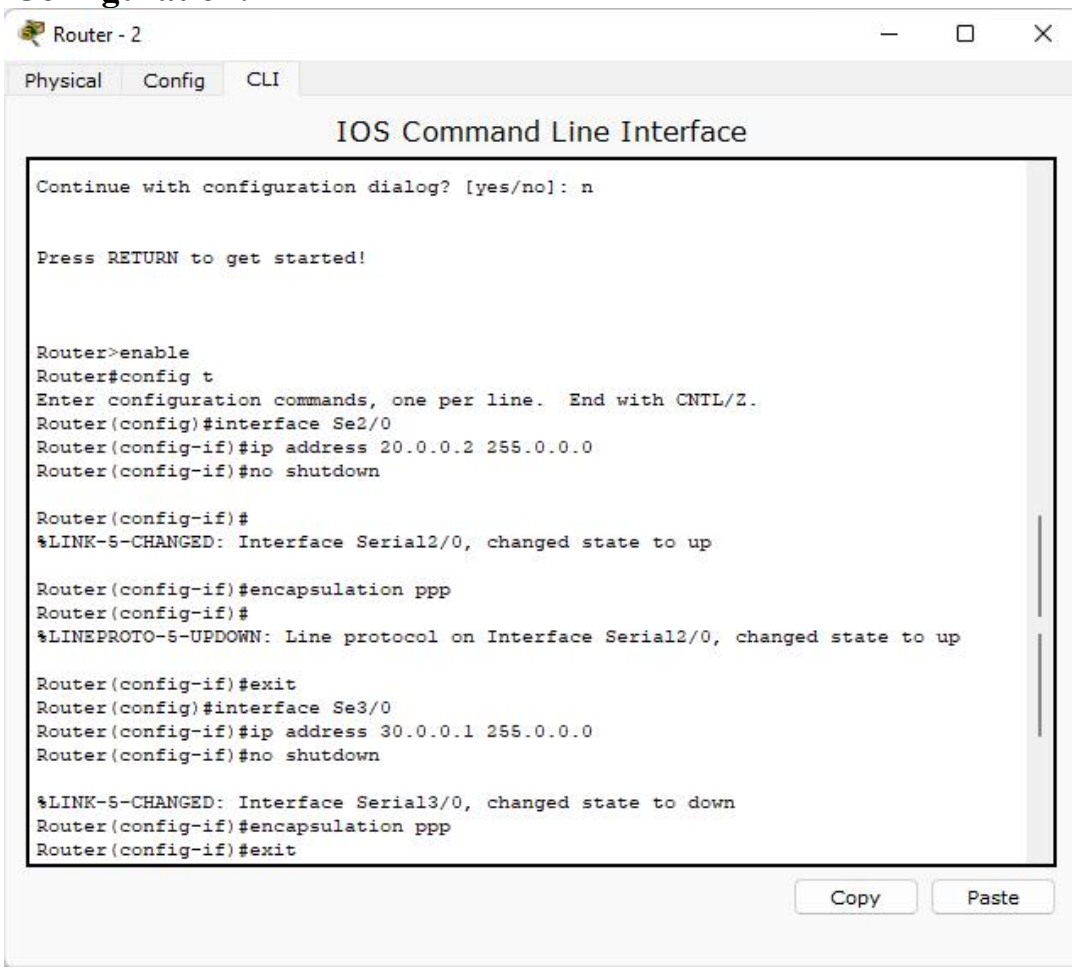


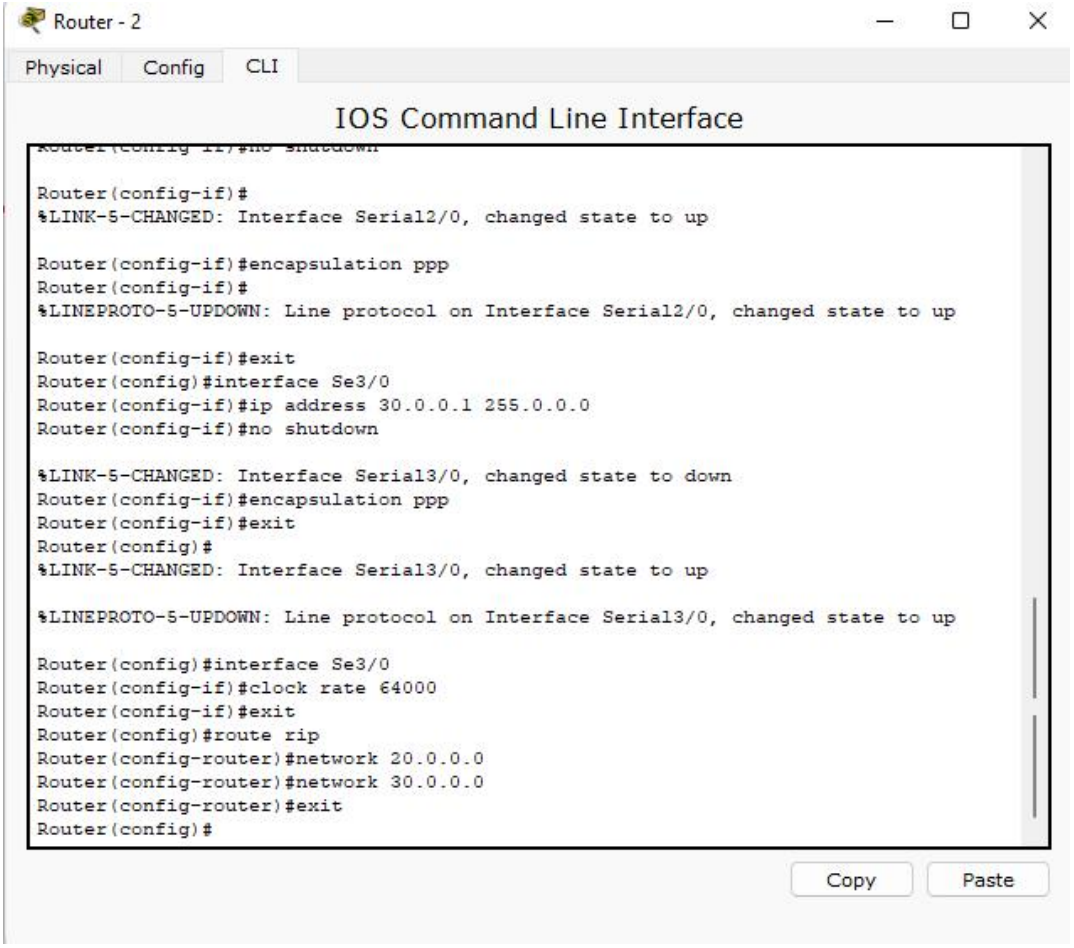
Router - 1 Configuration:



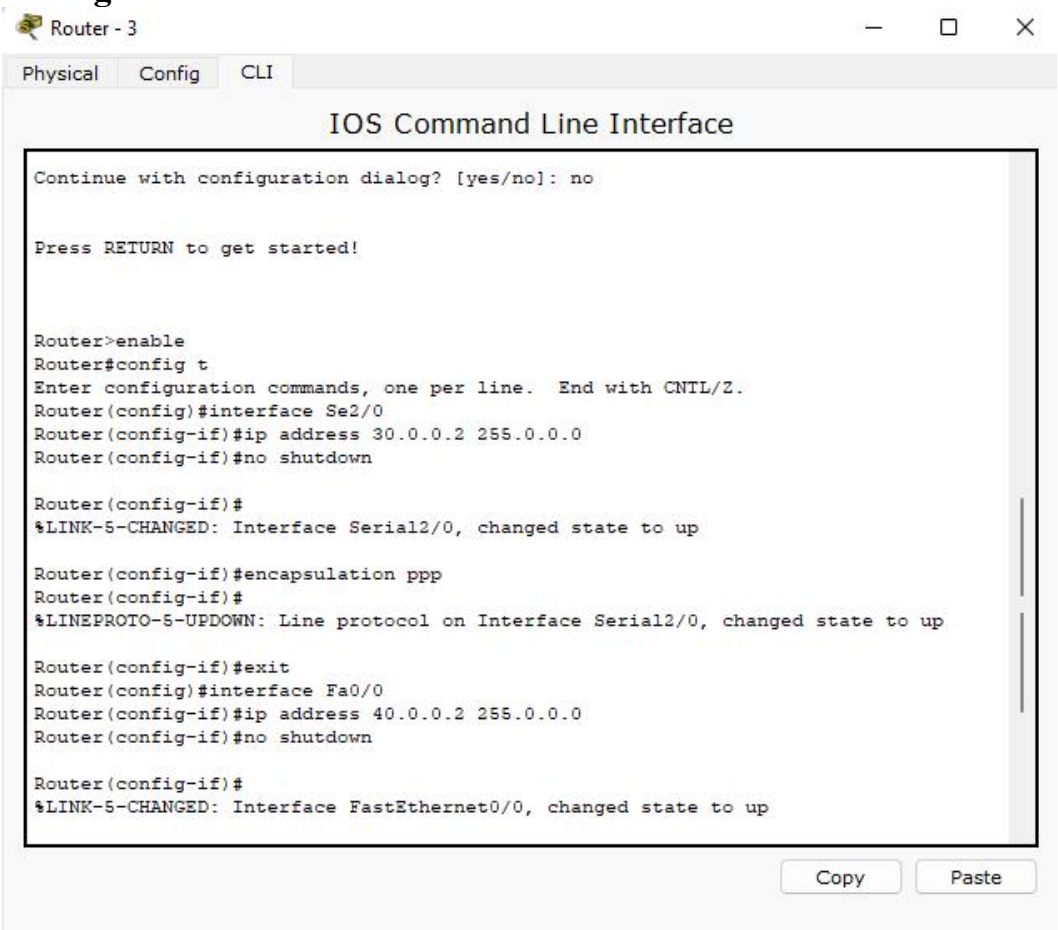


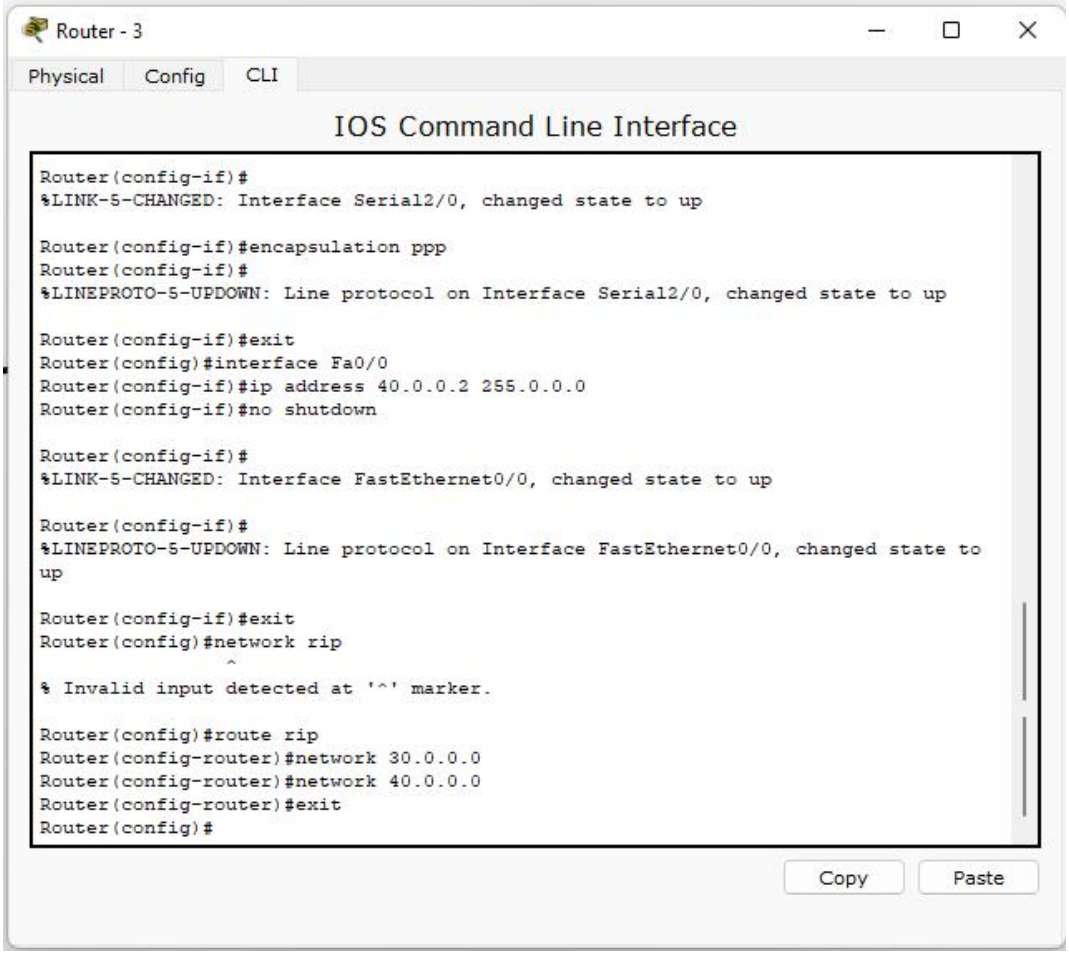
Router - 2 Configuration:





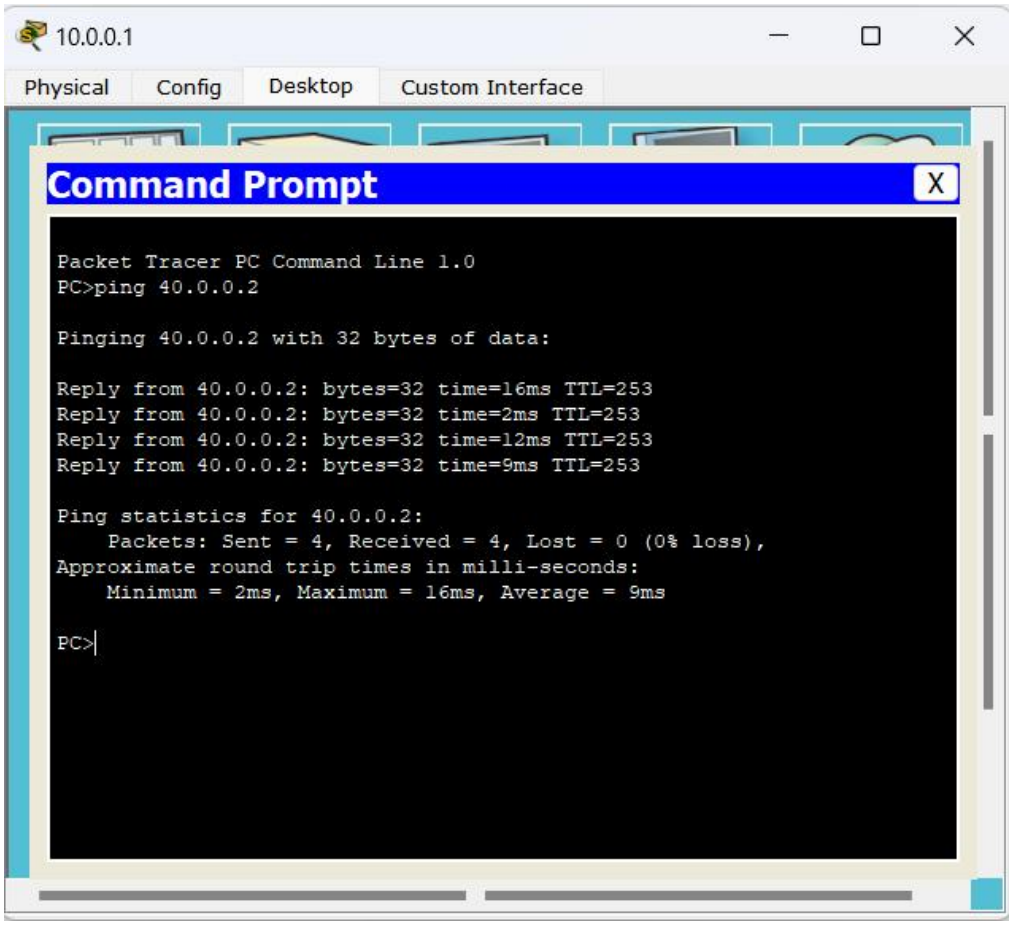
Router - 3 Configuration:




Router - 3
Physical
Config
CLI
IOS Command Line Interface
Router(config-if)#
%LINK-5-CHANGED: Interface Serial2/0, changed state to up
Router(config-if)#encapsulation ppp
Router(config-if)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up
Router(config-if)#exit
Router(config)#interface Fa0/0
Router(config-if)#ip address 40.0.0.2 255.0.0.0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up
Router(config-if)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
Router(config-if)#exit
Router(config)#network rip
^
% Invalid input detected at '^' marker.
Router(config)#route rip
Router(config-router)#network 30.0.0.0
Router(config-router)#network 40.0.0.0
Router(config-router)#exit
Router(config)#
Copy
Paste

Output:

Ping from PC - 1 to PC - 2:



Ping from PC - 2 to PC - 1: