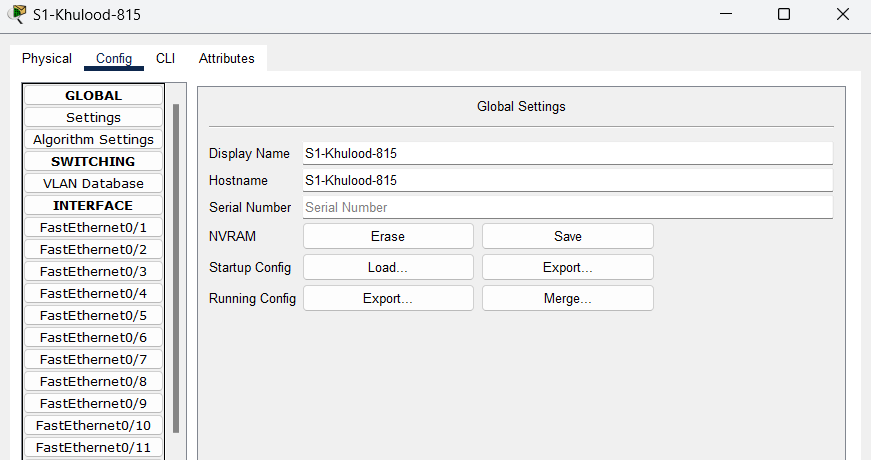
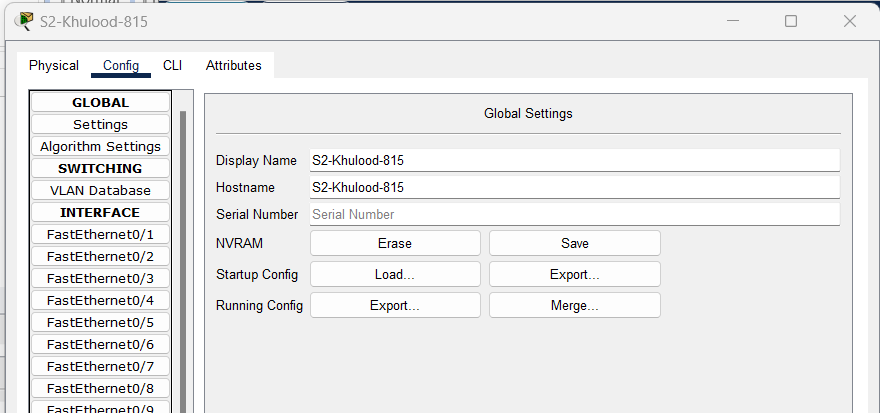
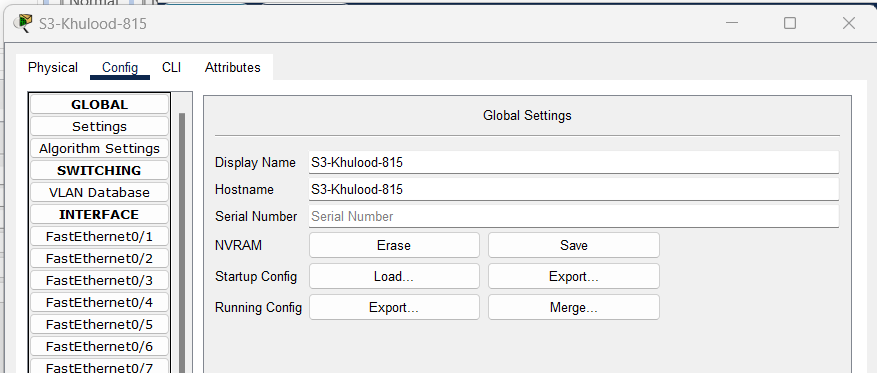
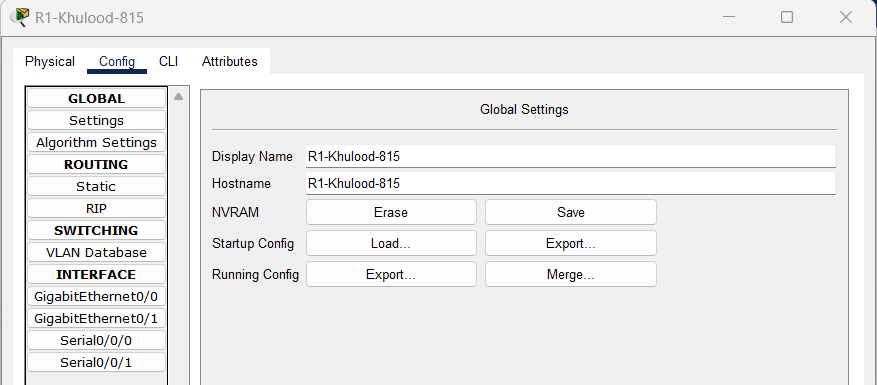
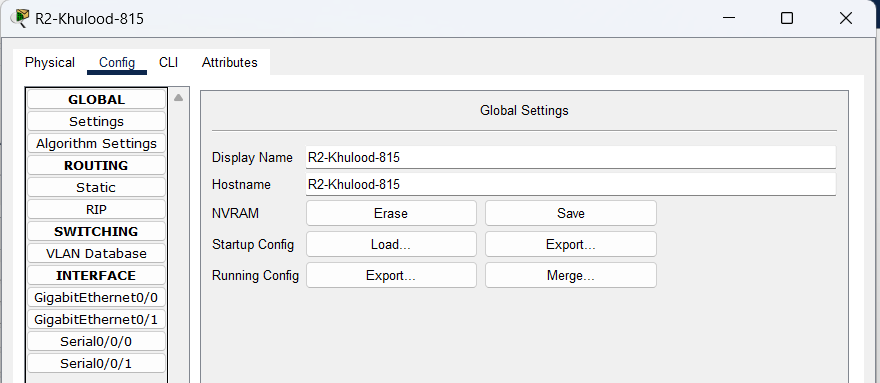
# Rename Switch S1, S2 and S3 and Router R1, R2 and R3 as follows:

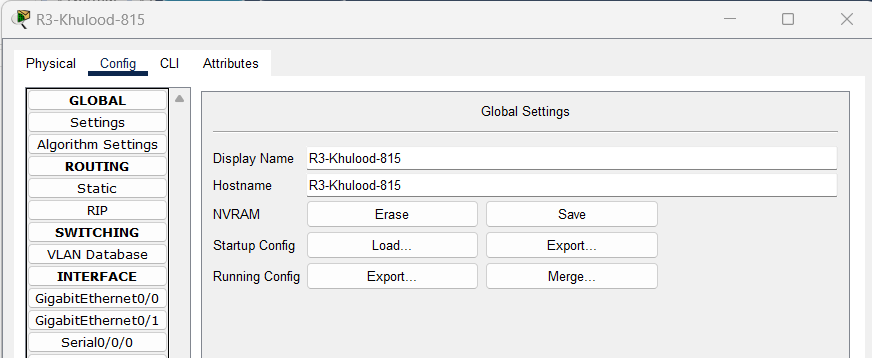












Switch:  
S1 = S1-Khulood-815  
S2= S2-Khulood-815  
S3= S3-Khulood-815

Router:  
R1 = R1-Khulood-815  
R2= R2-Khulood-815  
R3= R3-Khulood-815

# PC 1.1: Access the switch “S1-yourname-id” and create three VLANs.

ID: 815

8+100=108

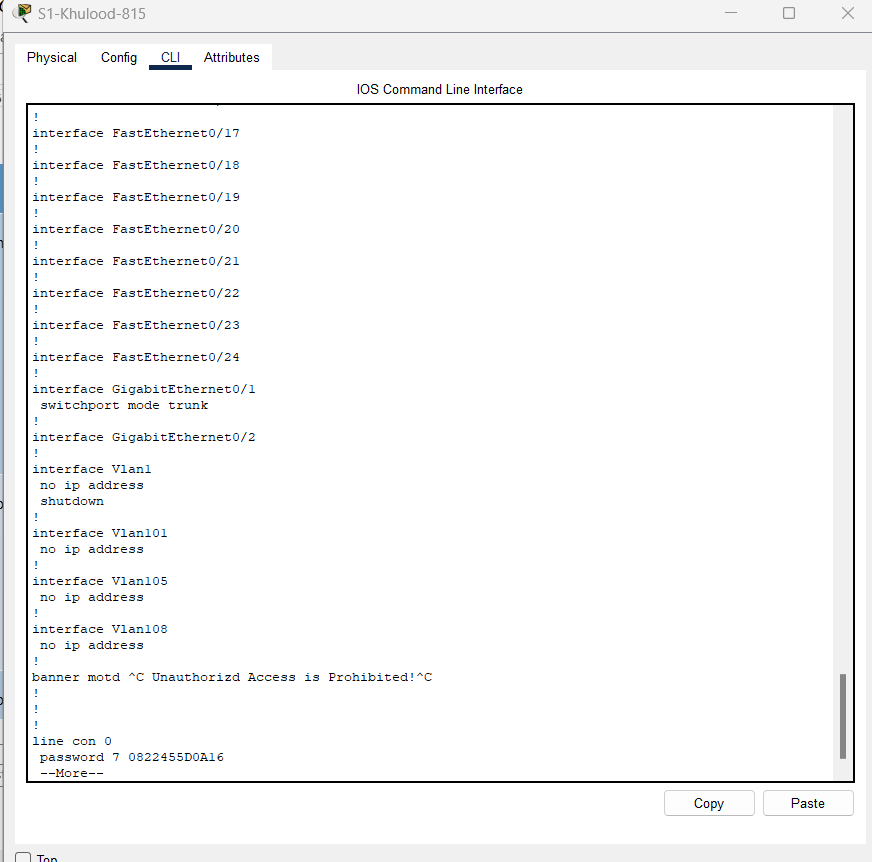
1+100=101

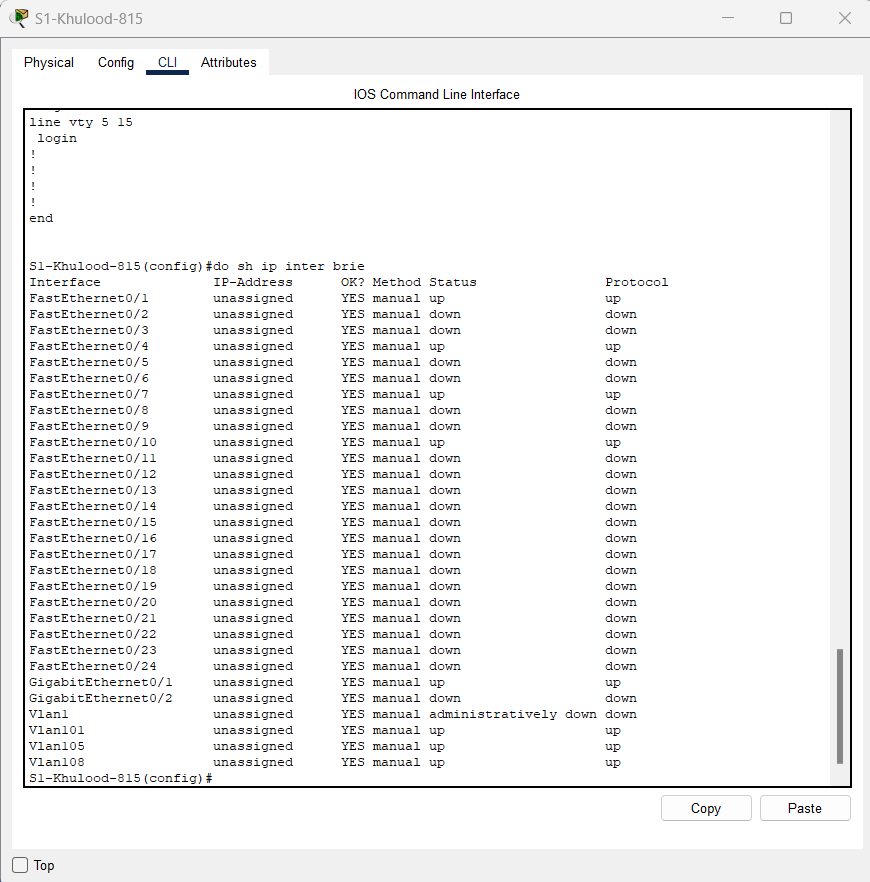
5+100=105

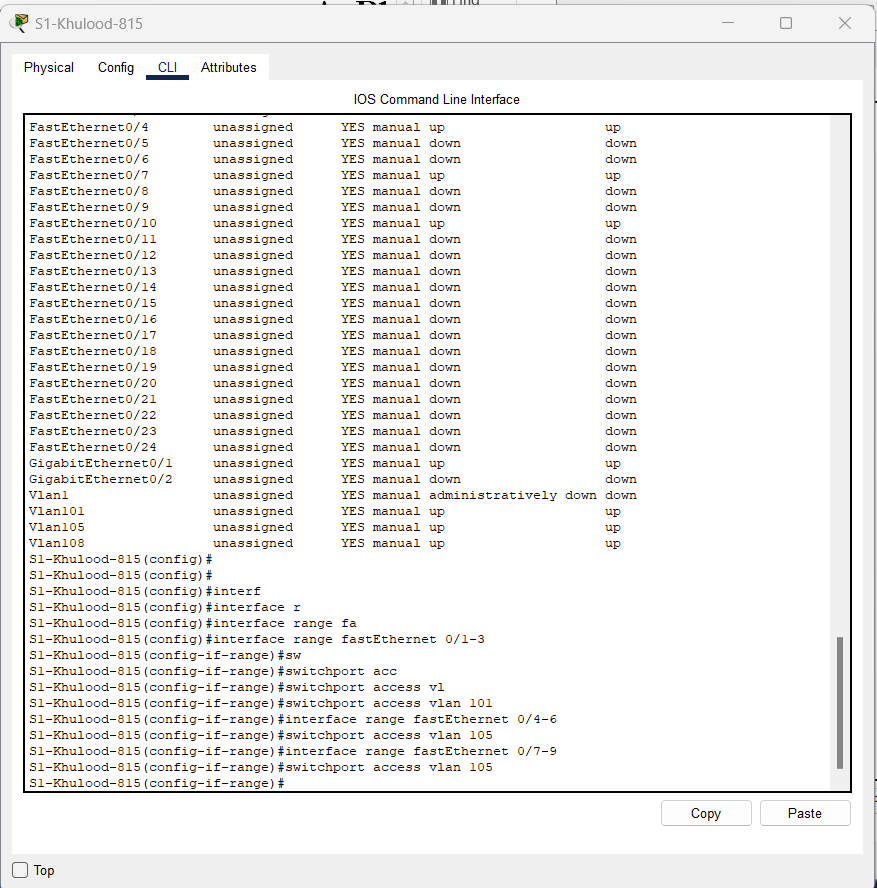
Vlan 101

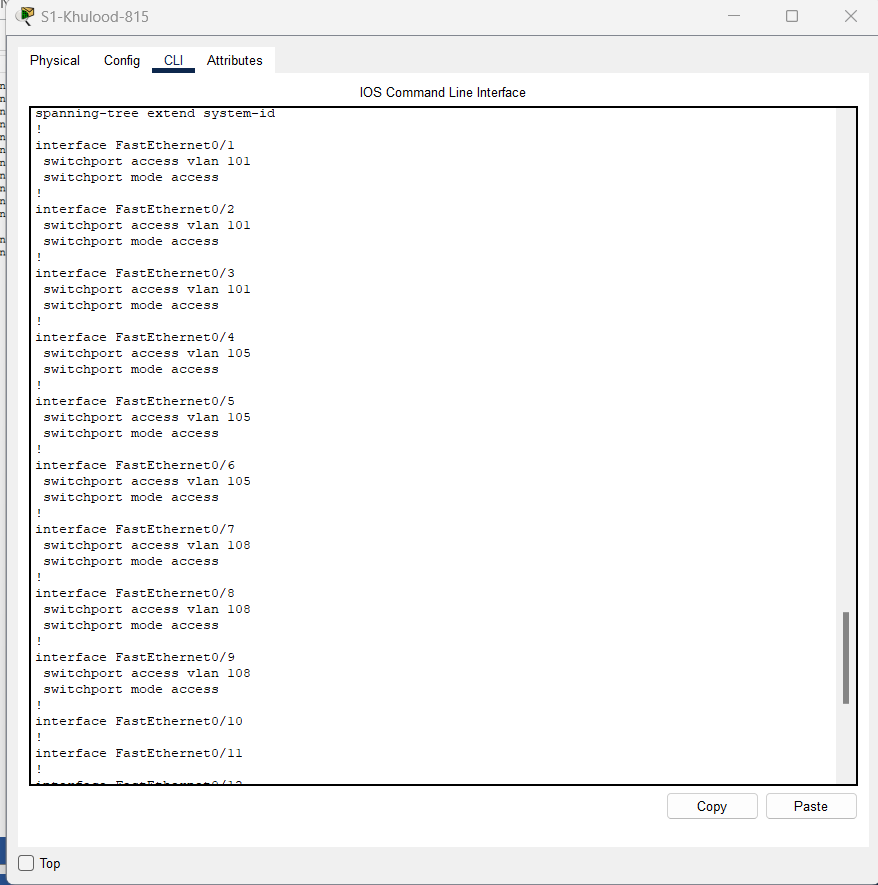
Vlan 105

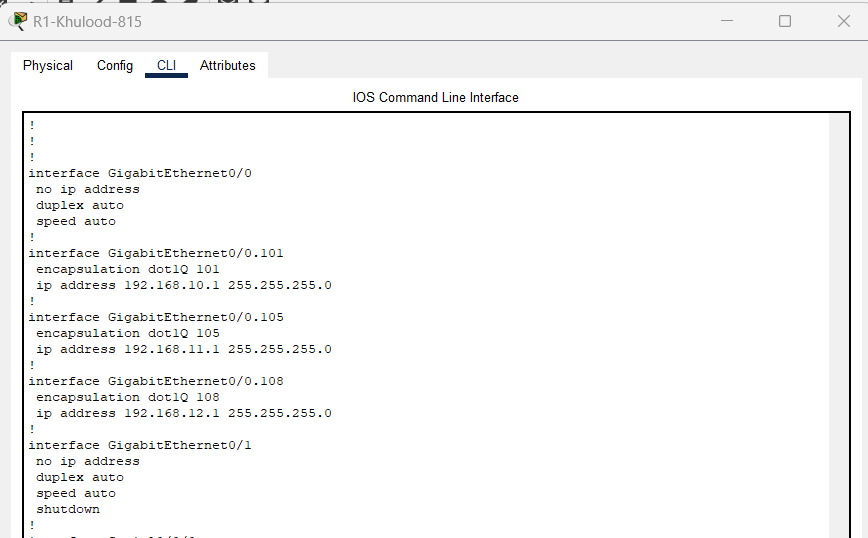
Vlan 108

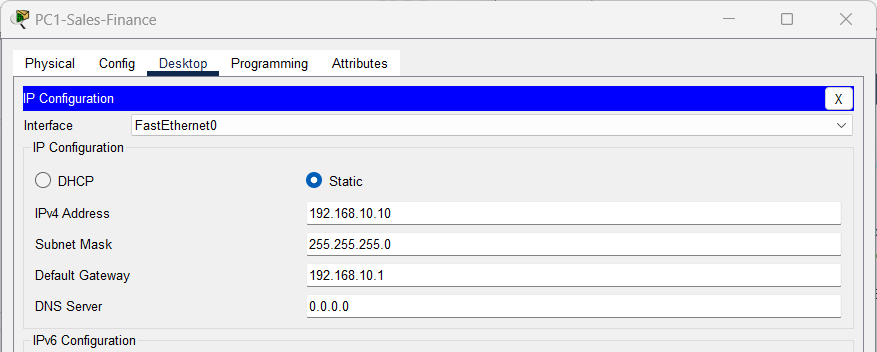


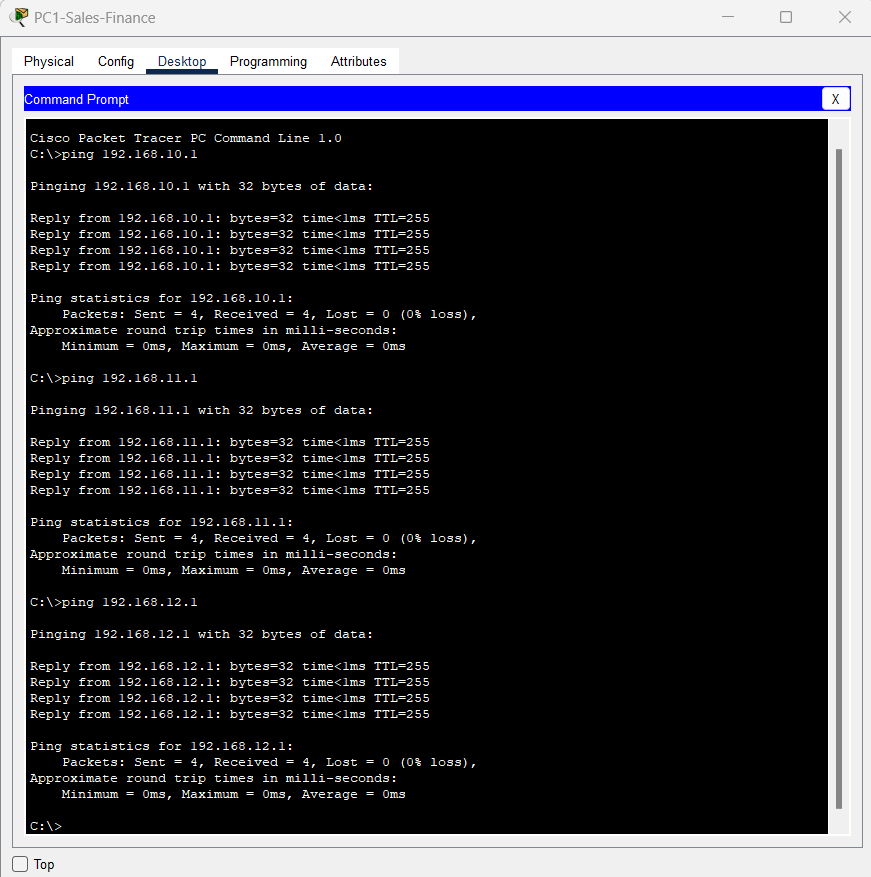


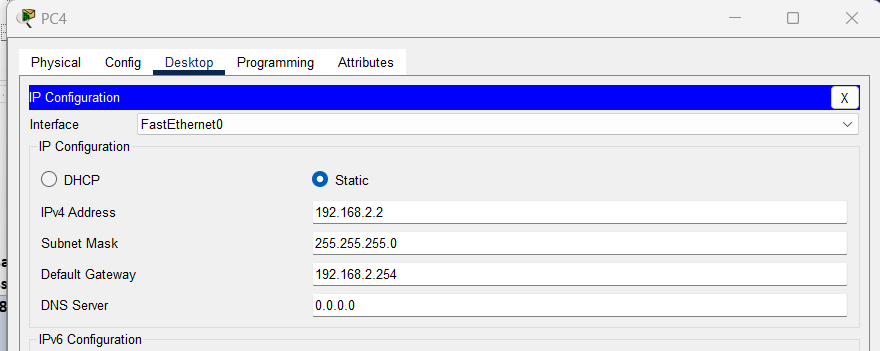


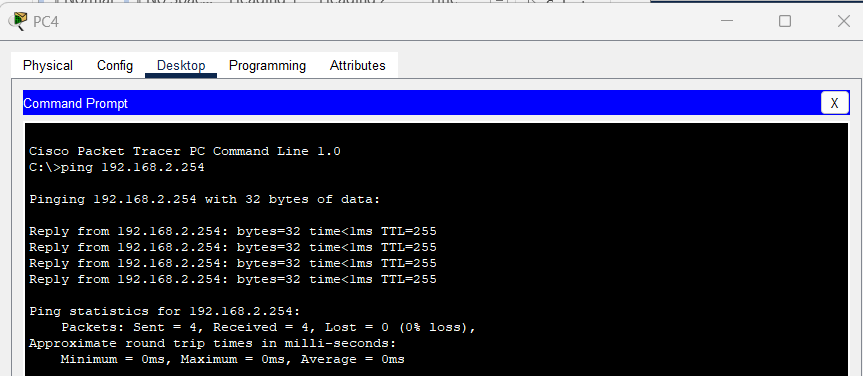


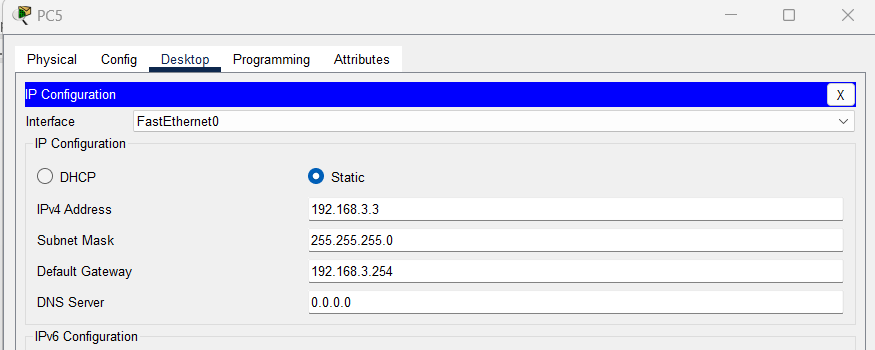


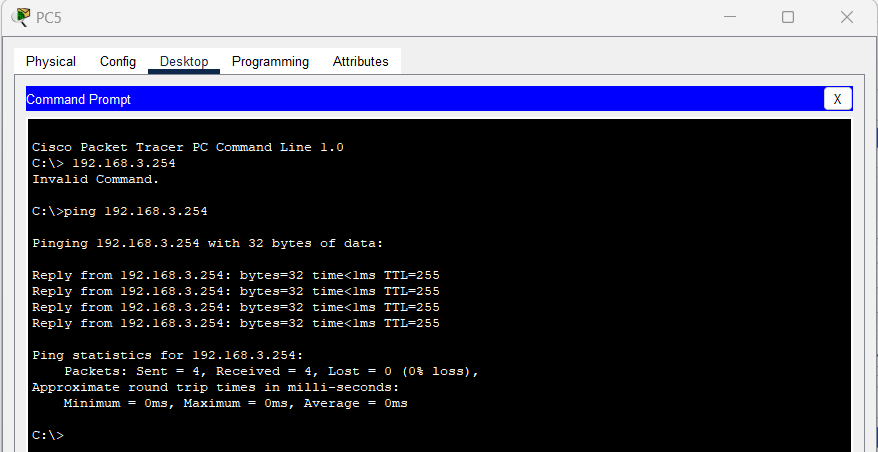




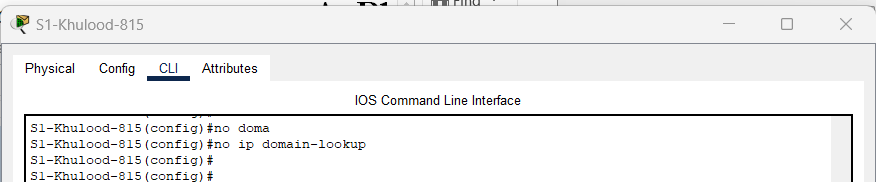




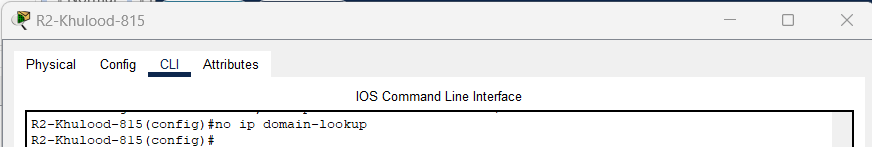


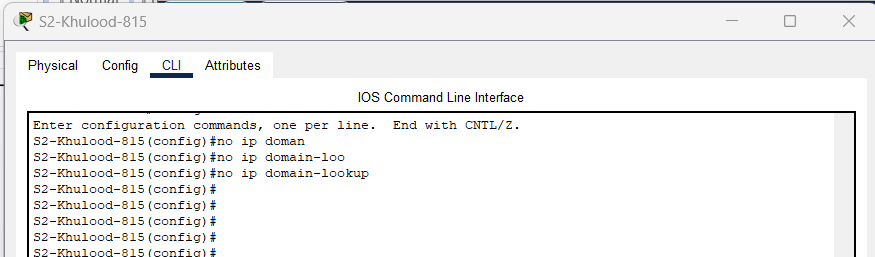


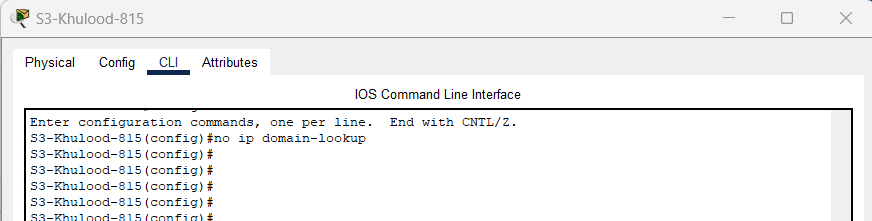
# no ip domain-lookup

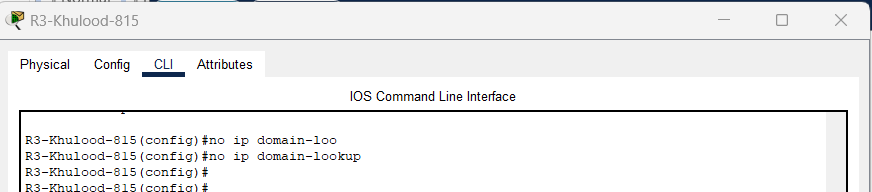




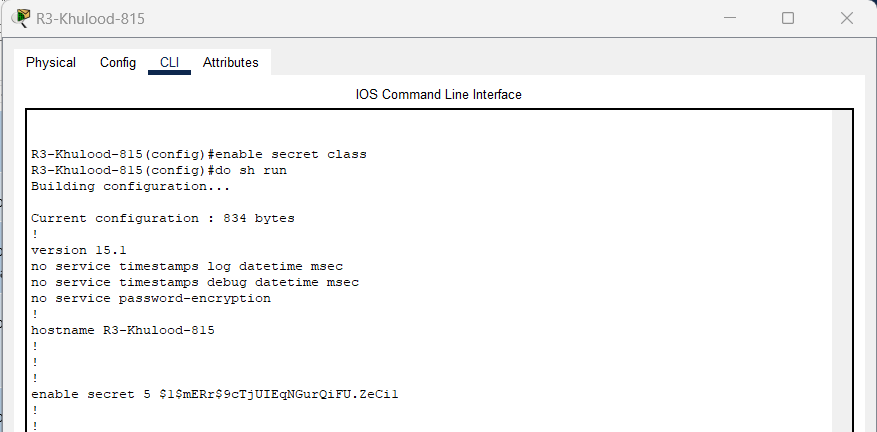


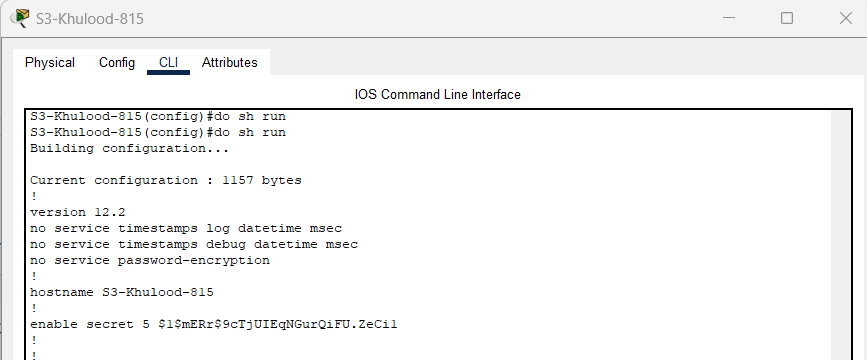


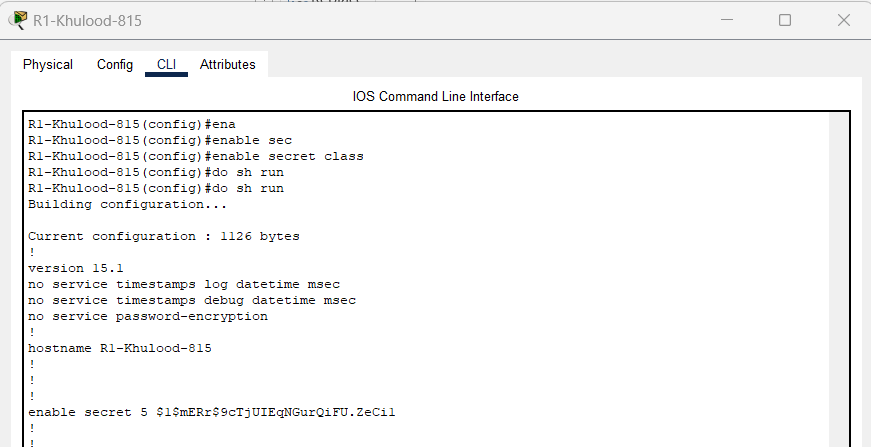


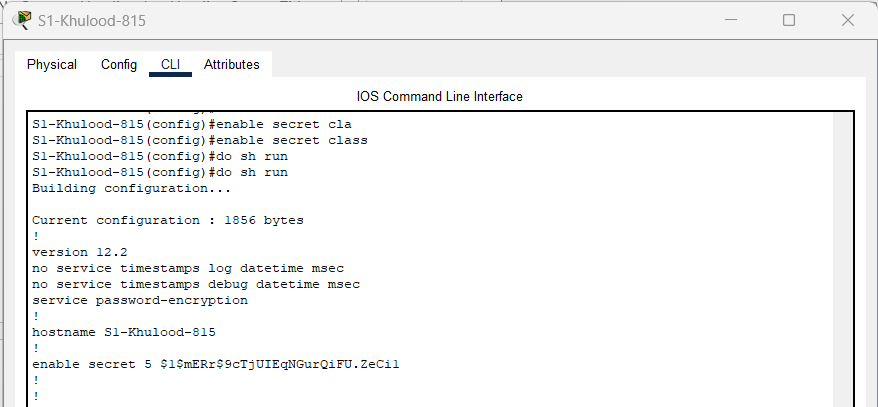


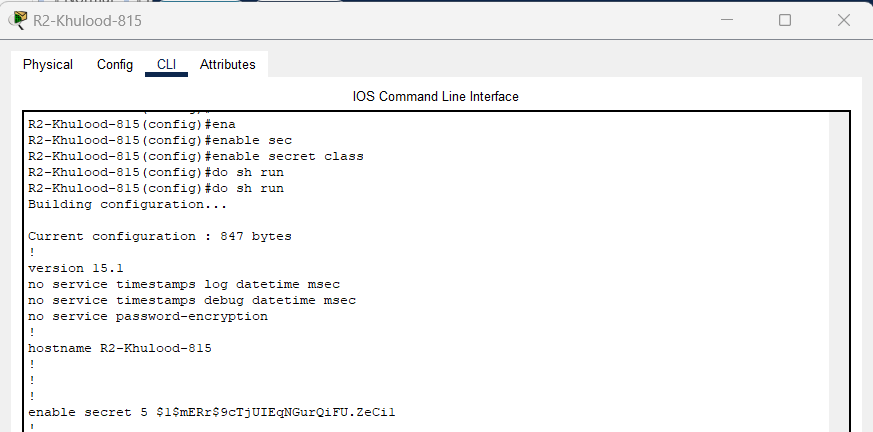
# Enable secret class

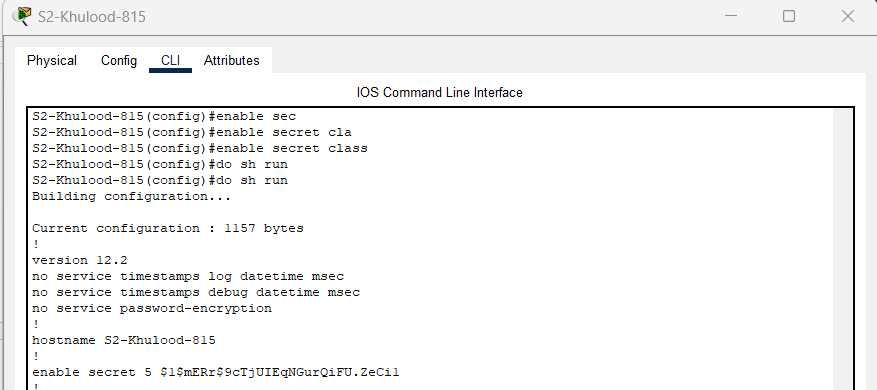






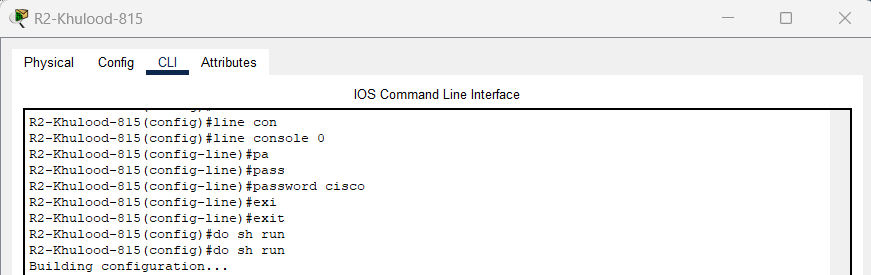


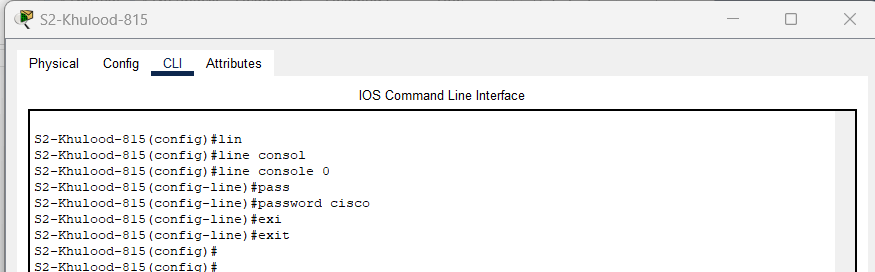


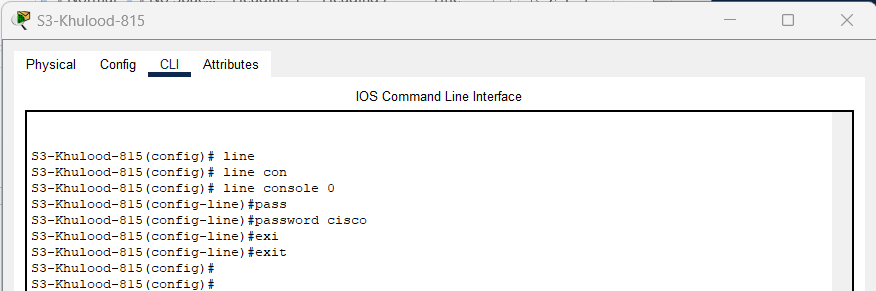


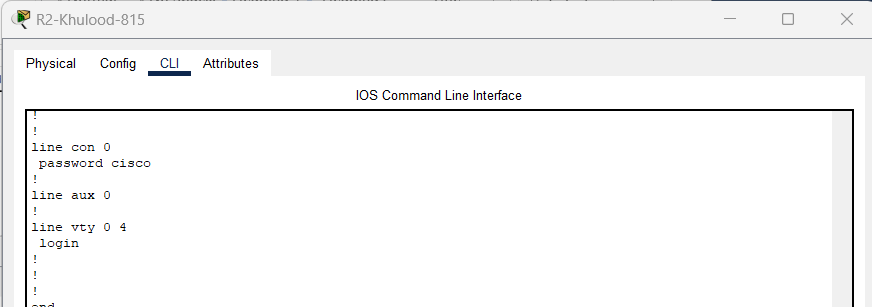


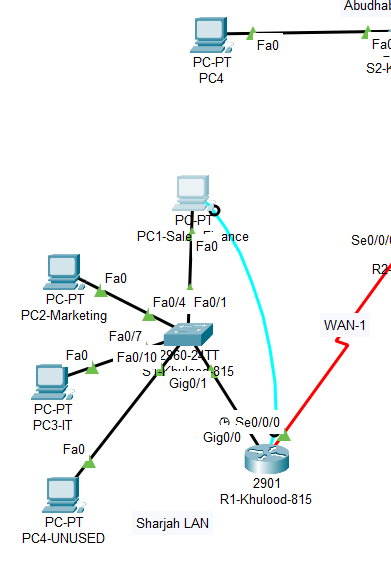
# Console Password

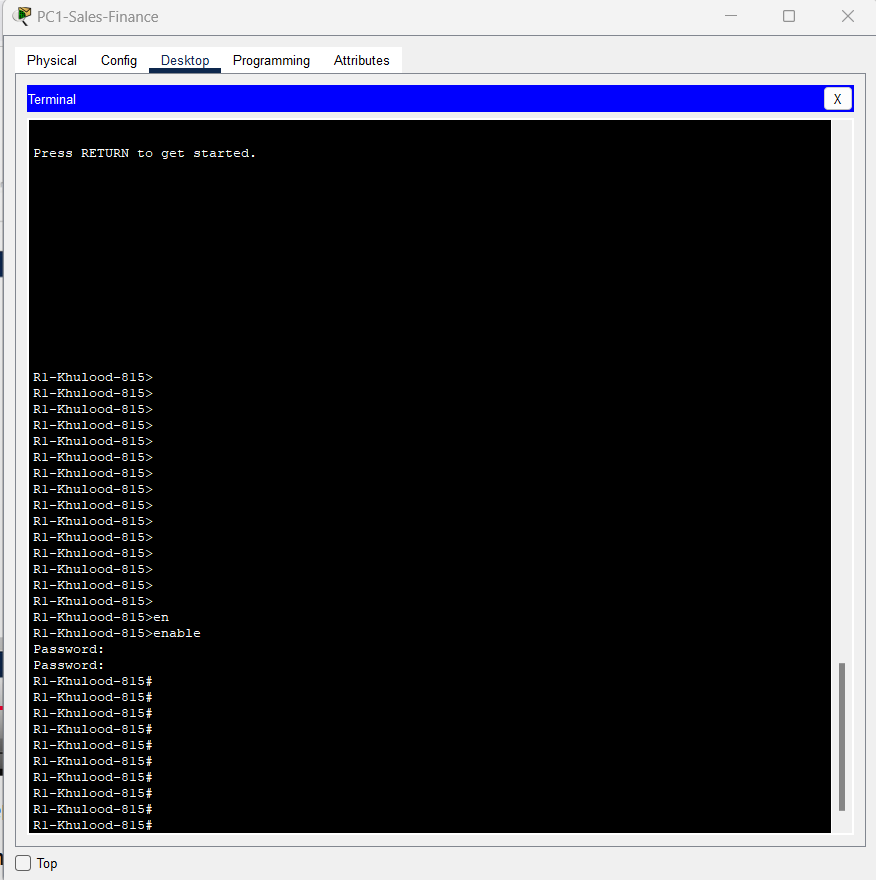




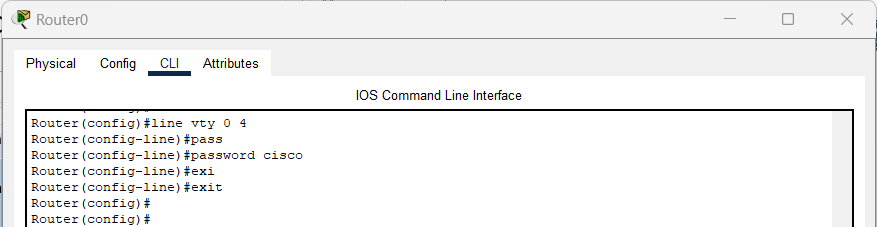


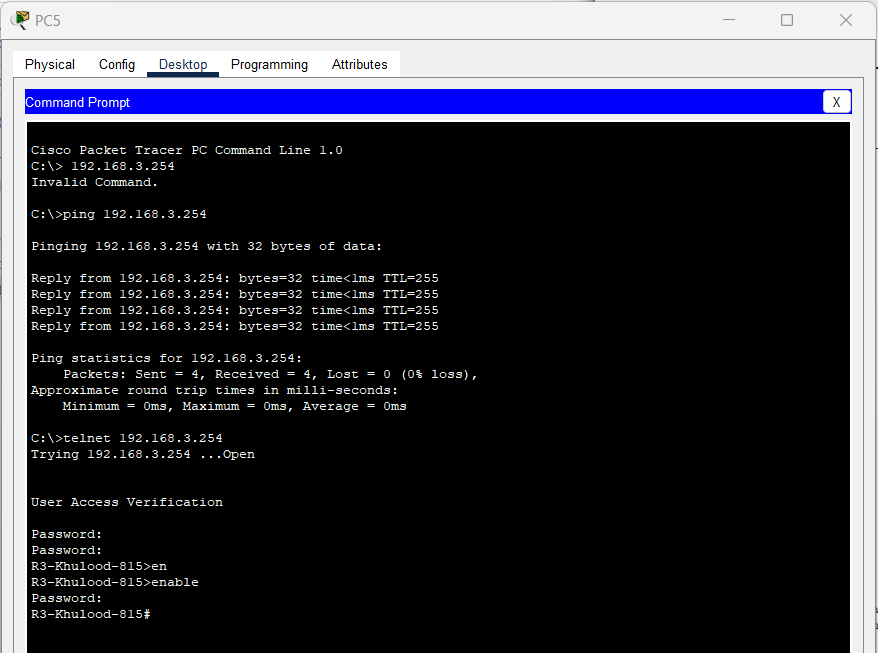




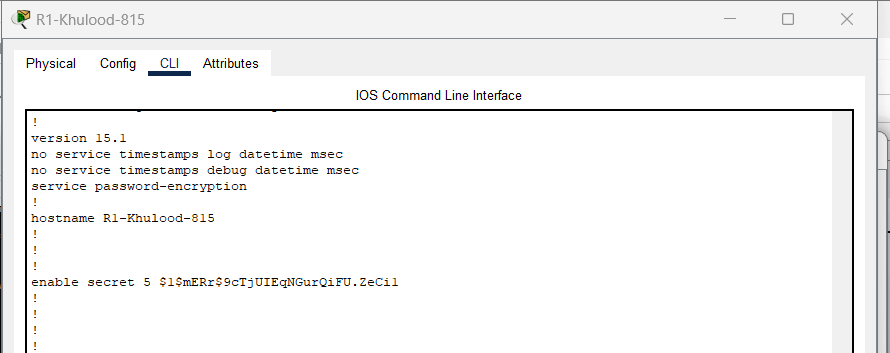


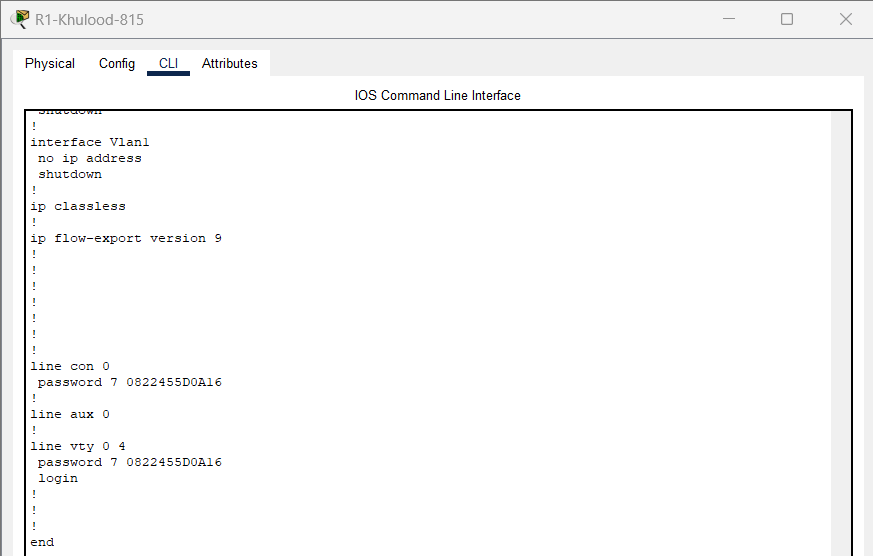
# Telnet access password.



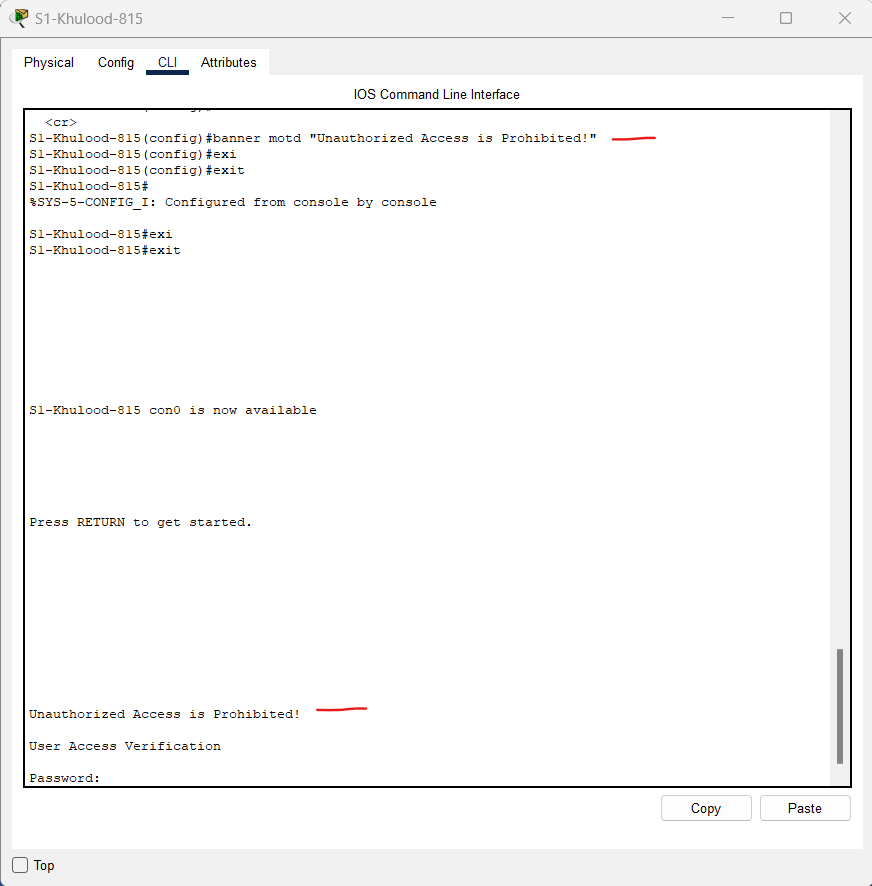


# service password-encryption

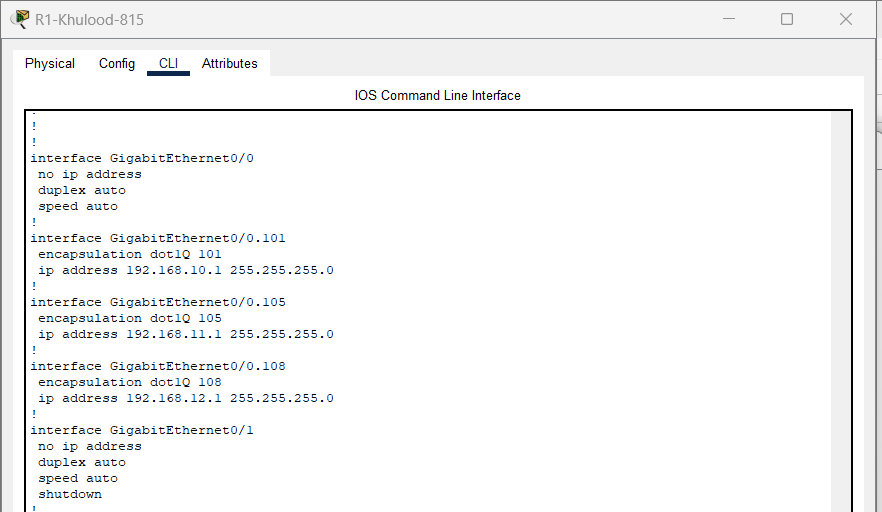


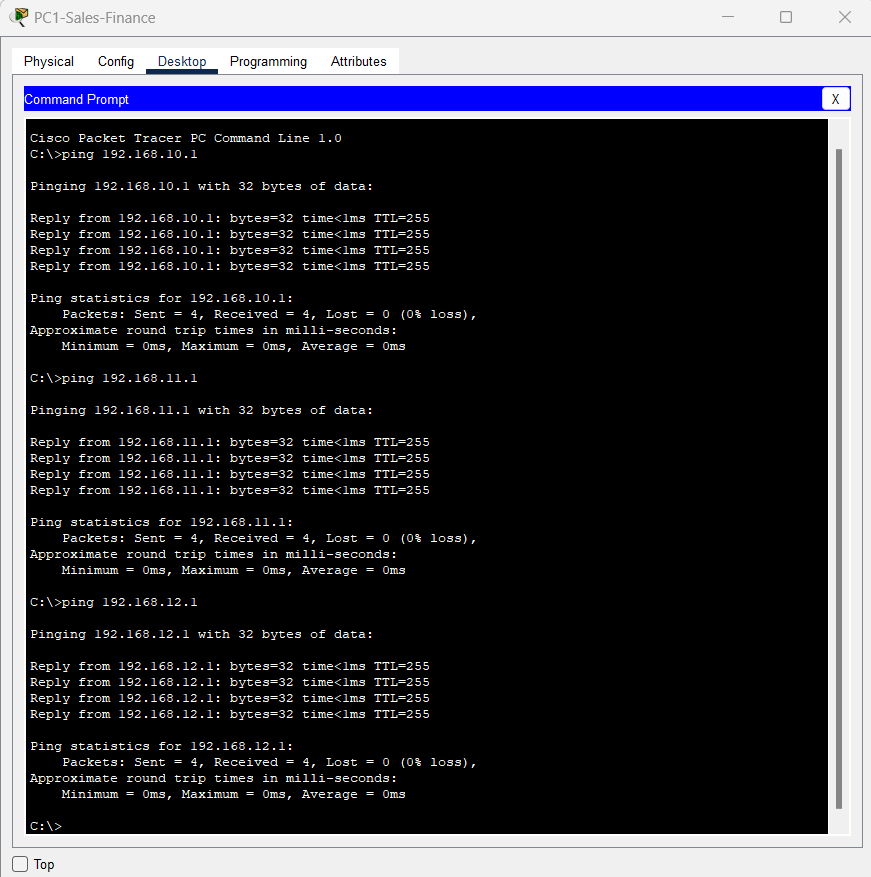


# MOTD banner

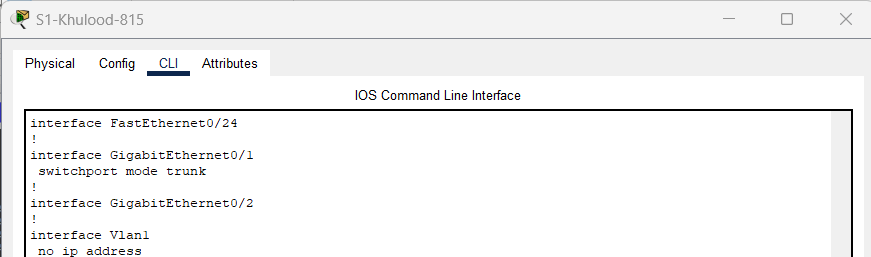


# Provide screenshots showing the sub-interface configuration and verification for each VLAN.

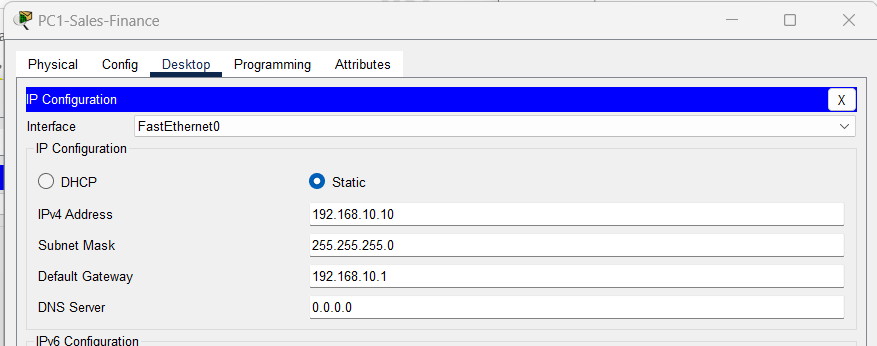


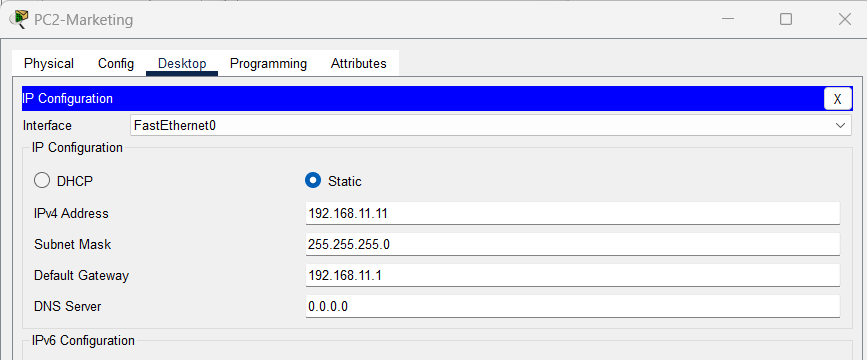


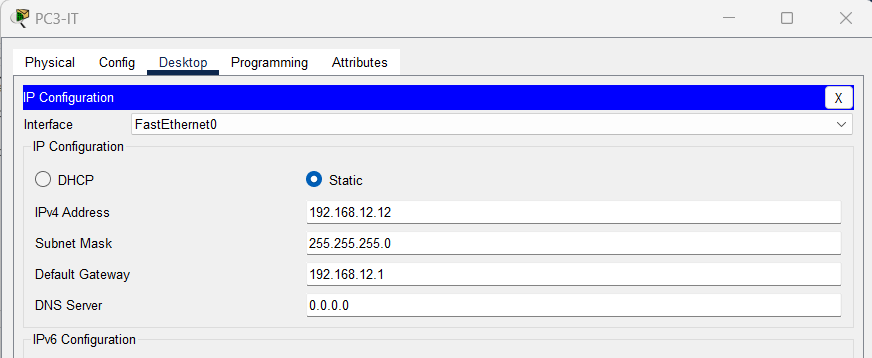
# Provide a screenshot showing the Trunk configuration

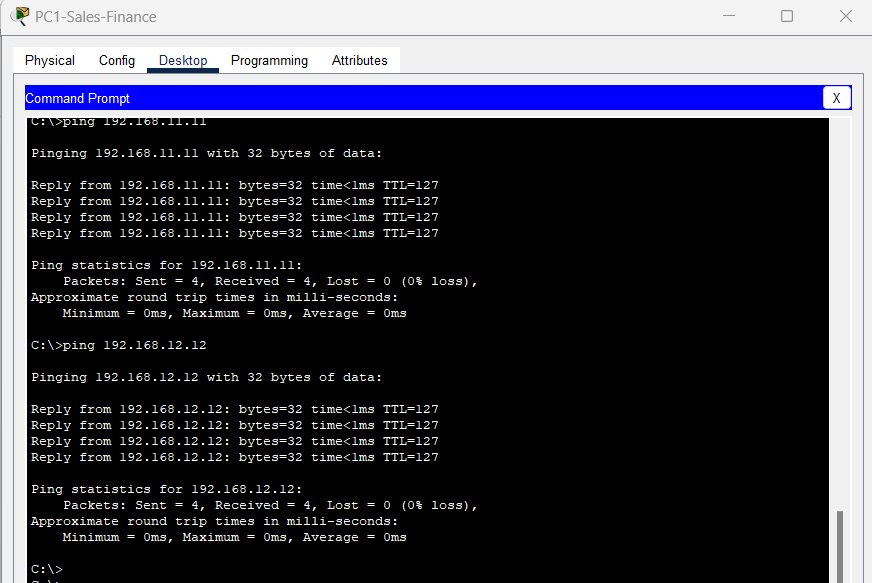


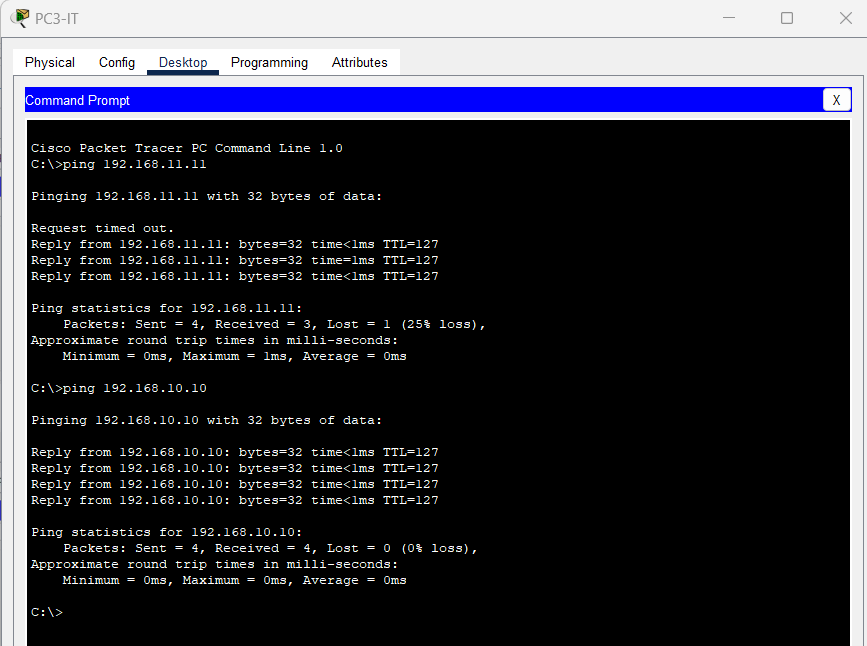
# Provide a screenshot showing successful ping results between devices PC1, PC2, PC3 in different VLANs.





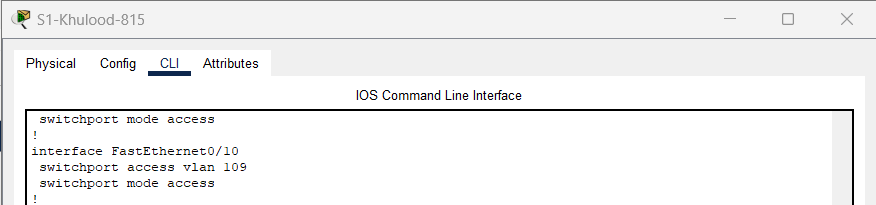




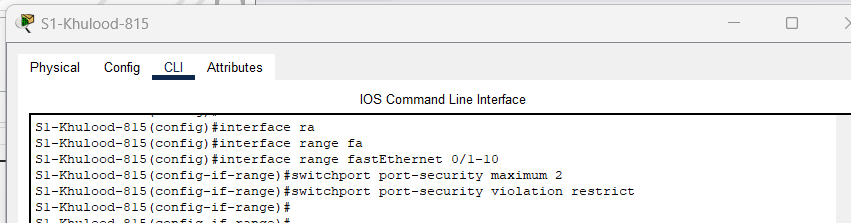


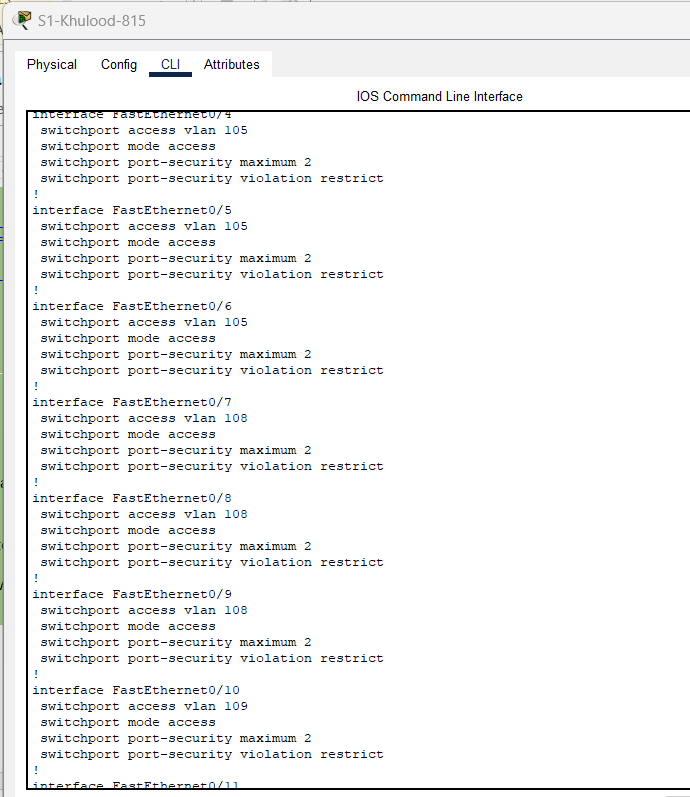
# Create an additional VLAN and assign it to unused ports on the switch.



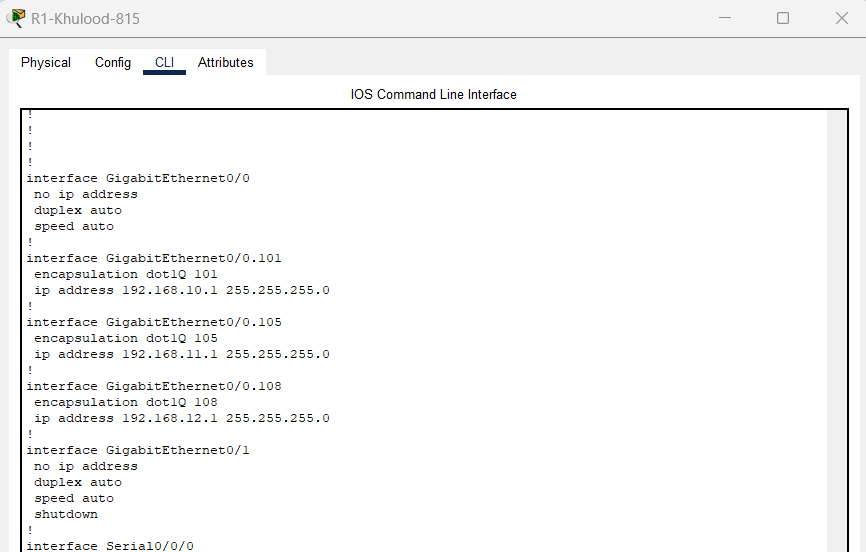


# Modify port security on ports 1-10 to allow a maximum of two MAC addresses per port and implement the 'restrict' violation mode.





# Configure and verify a default gateway on each VLAN interface on R1



# Configure and verify VTP (VLAN Trunking Protocol) on the switches to automate VLAN creation and propagation across the network.

