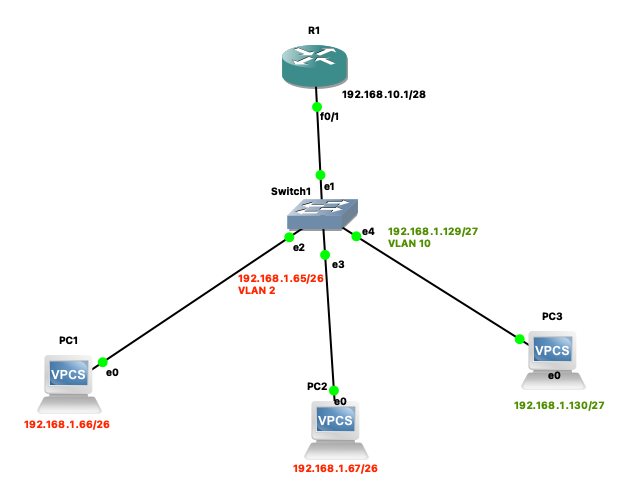
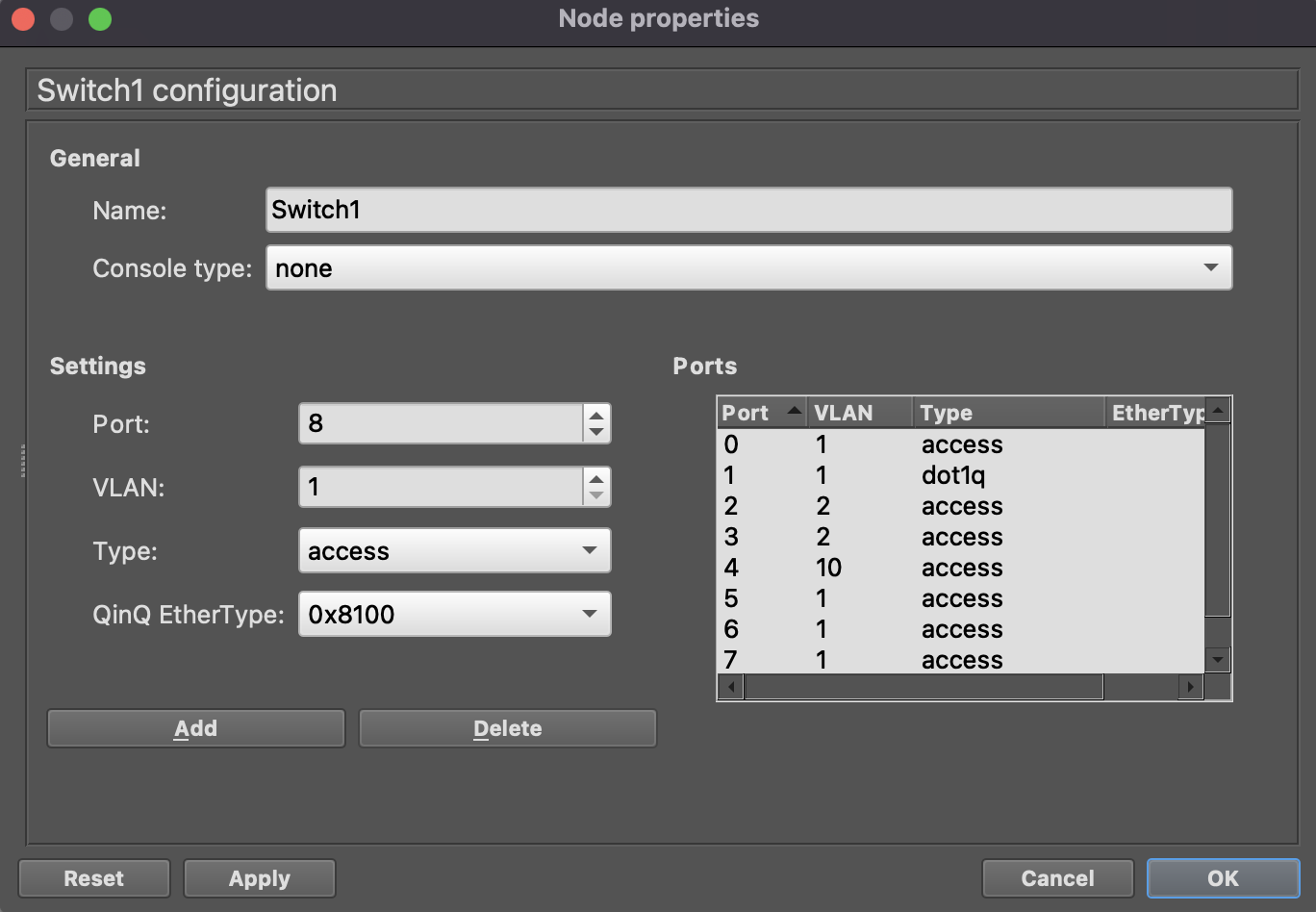
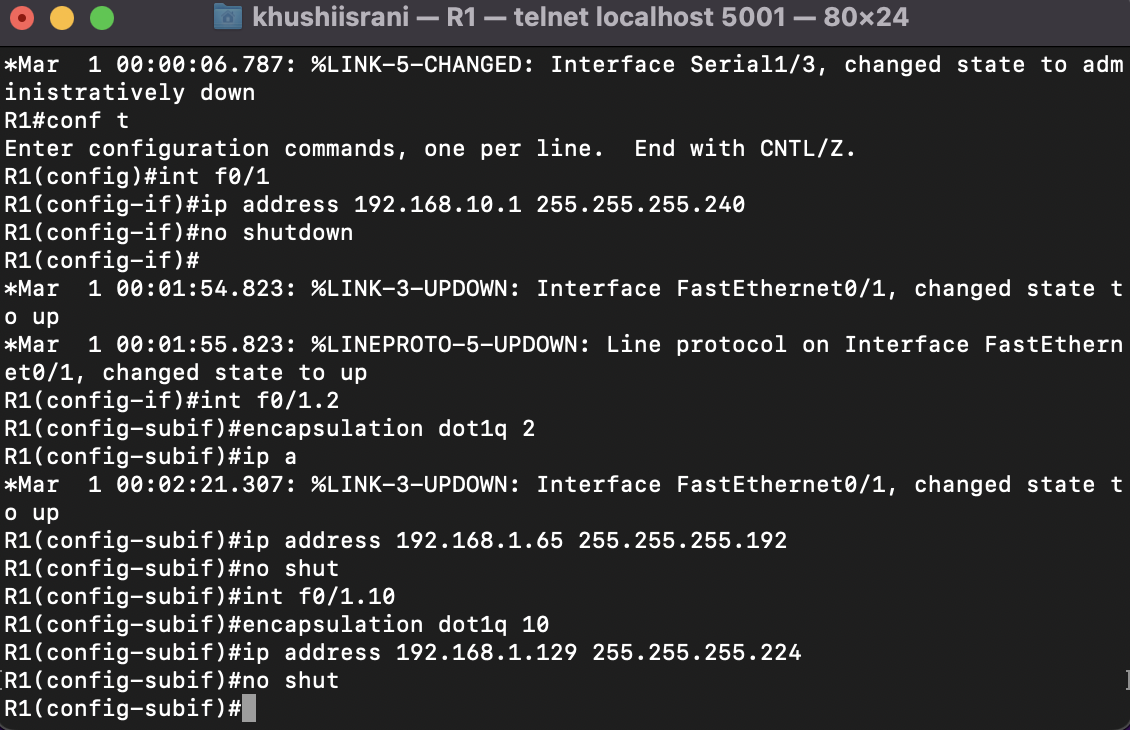
Lab 9

Q1

Switch Configurations:

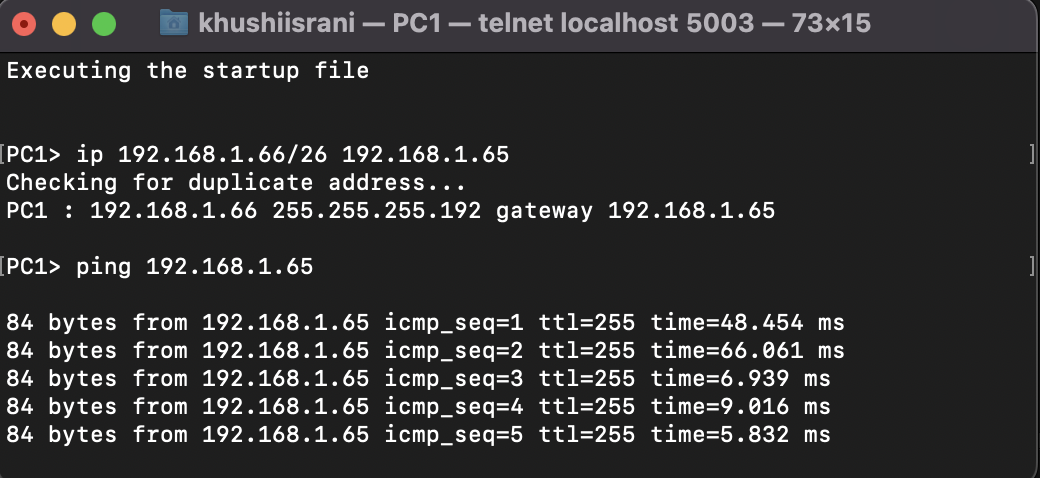


R1 configurations:

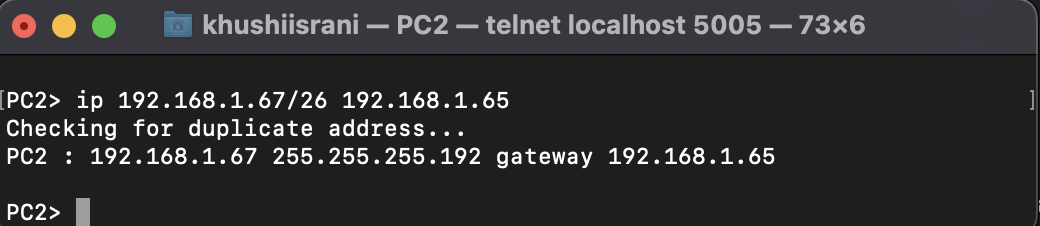


PC1 configuration

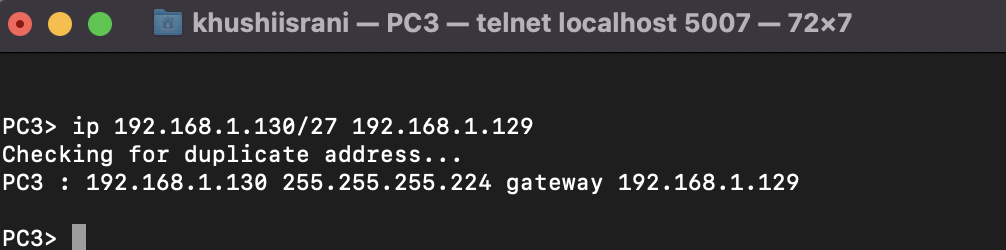
Also checking if it’s successfully connected to the VLAN switch I.e. pinging is successful



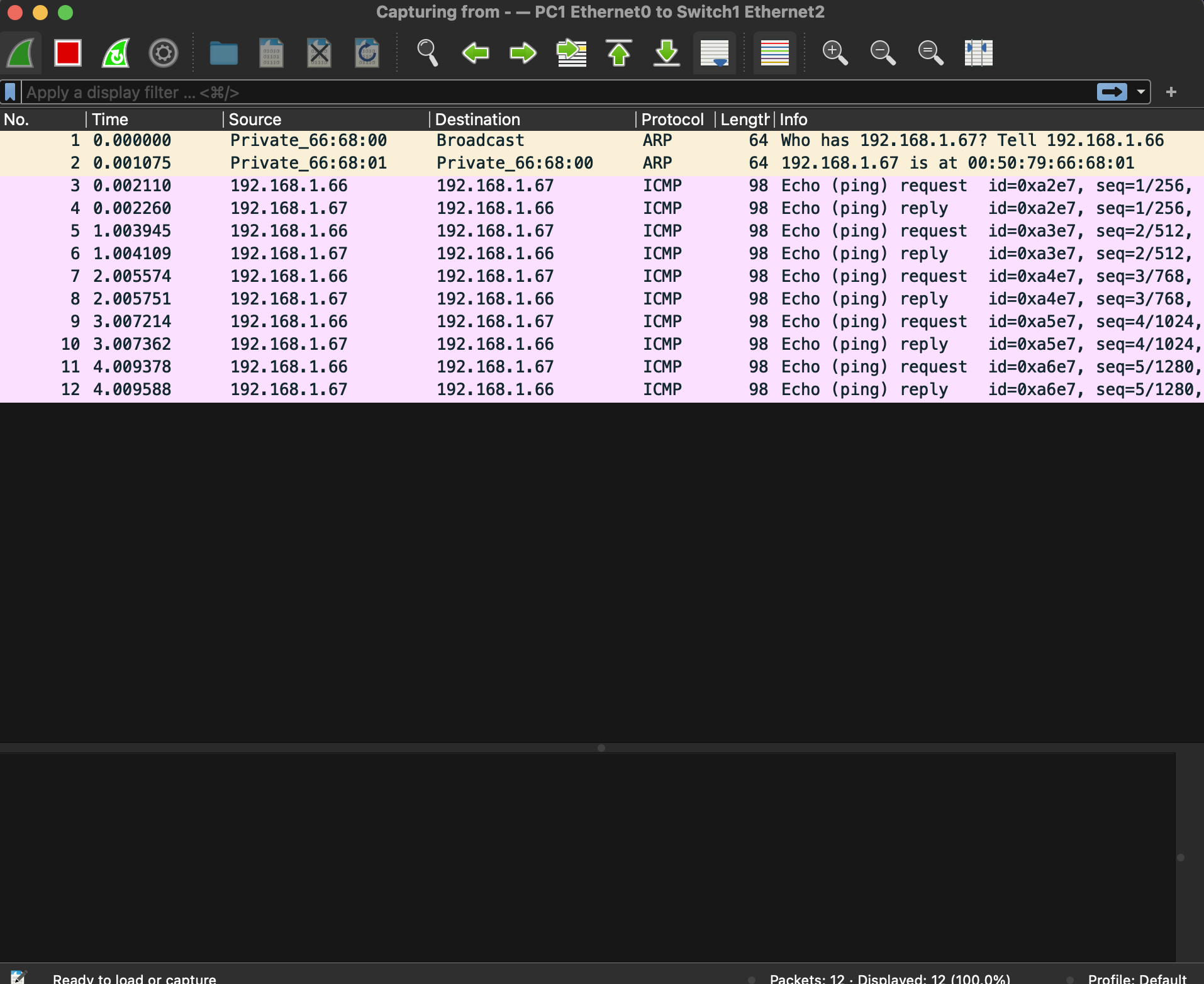
PC2 configuration



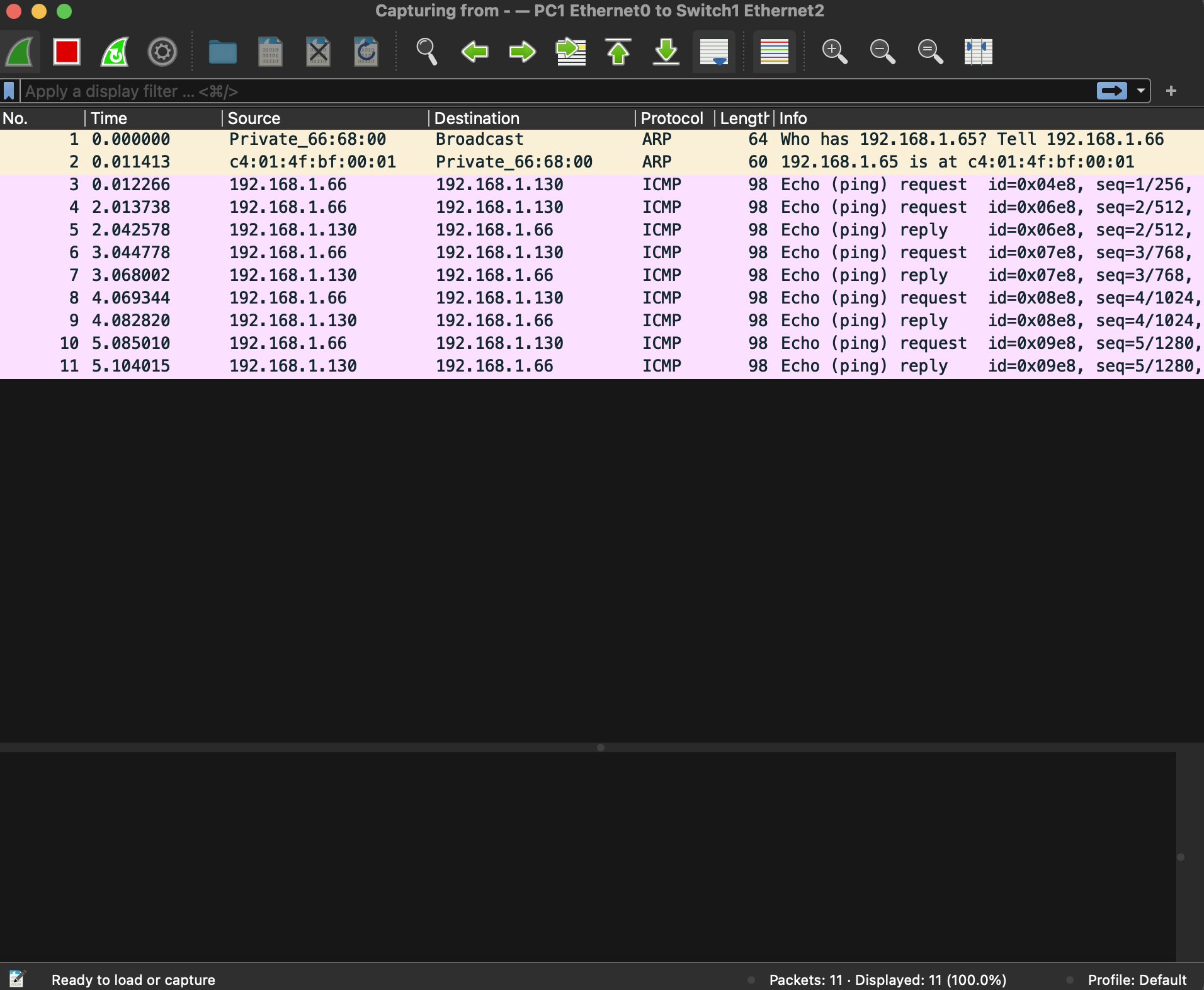
PC3 configuration



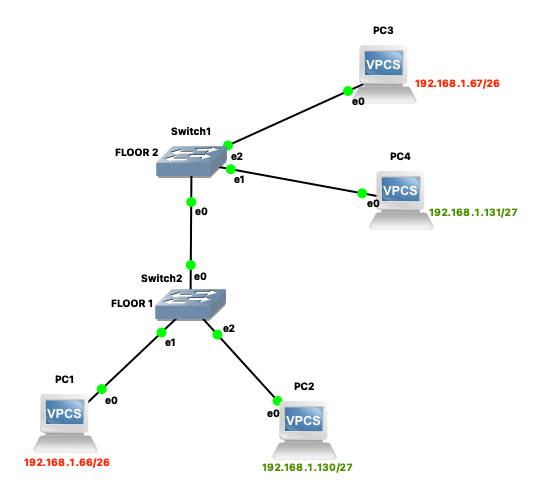
Pinging from PC1 to PC2 and capturing on Wireshark



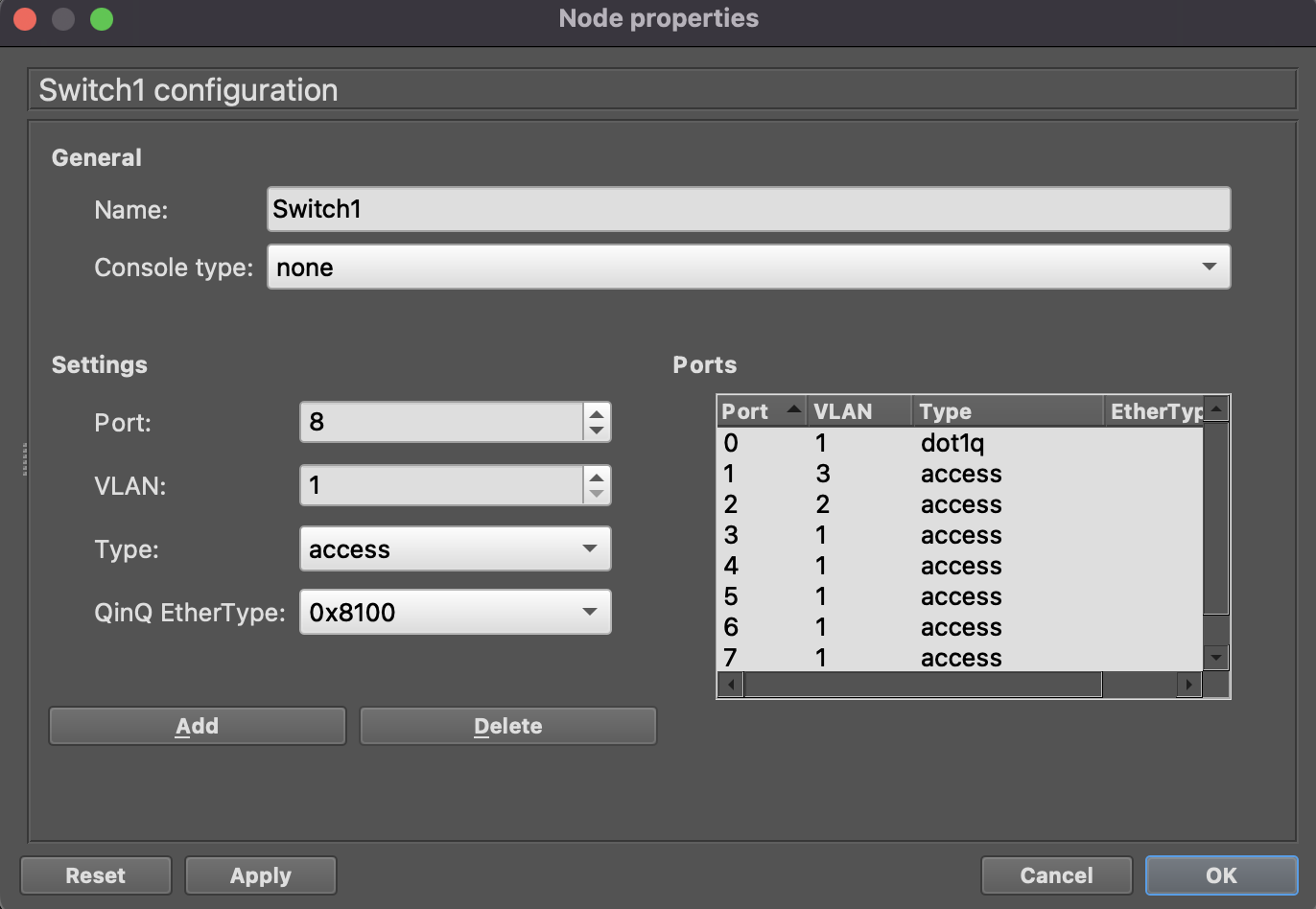
Pinging from PC1 to PC3 and capturing on Wireshark



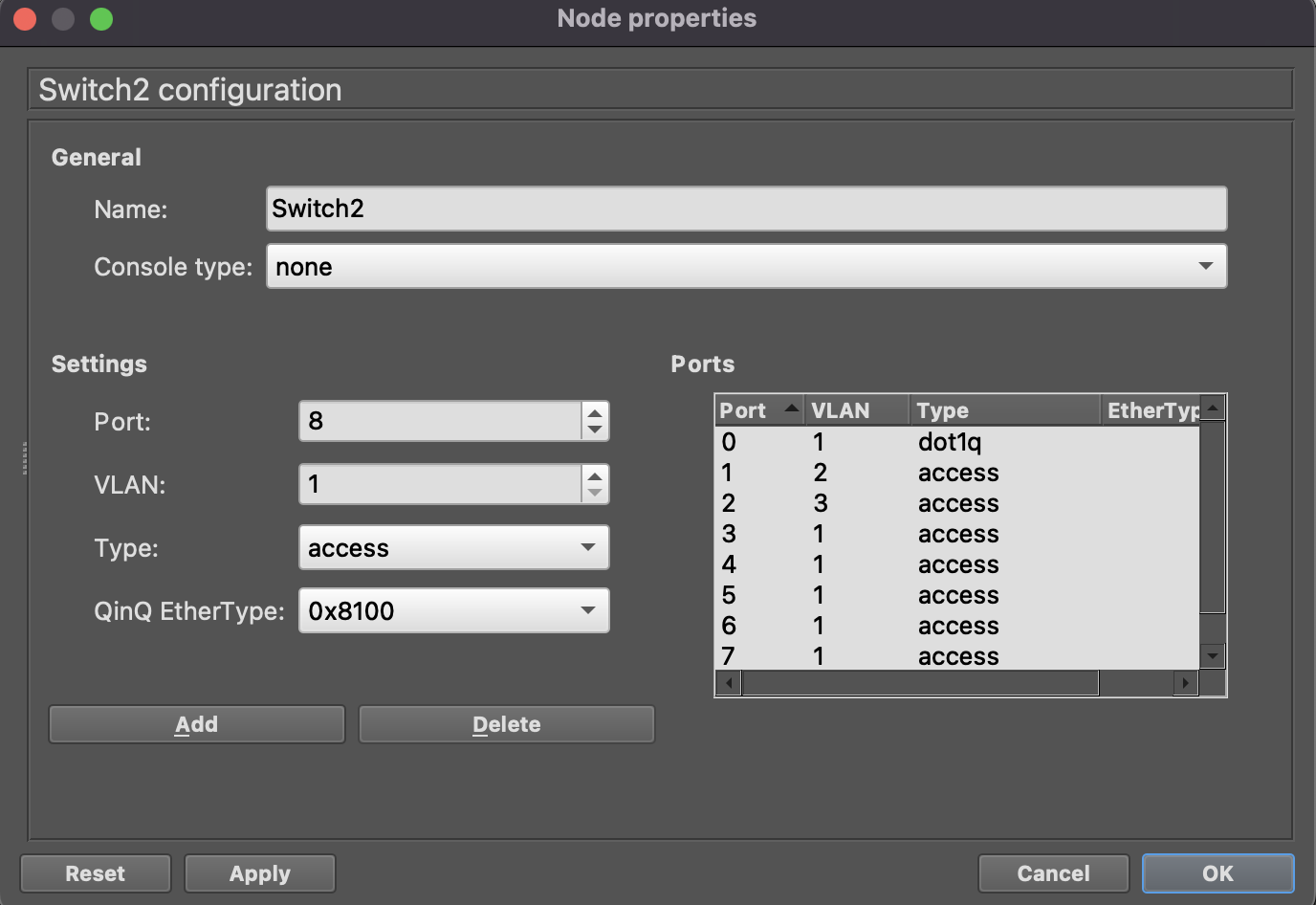
Classwork Question



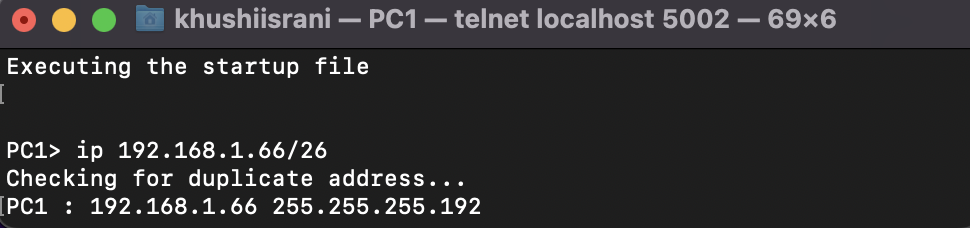
Switch1 configuration



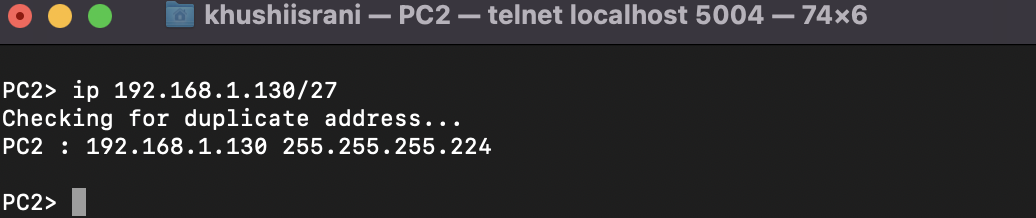
Switch2 configuration



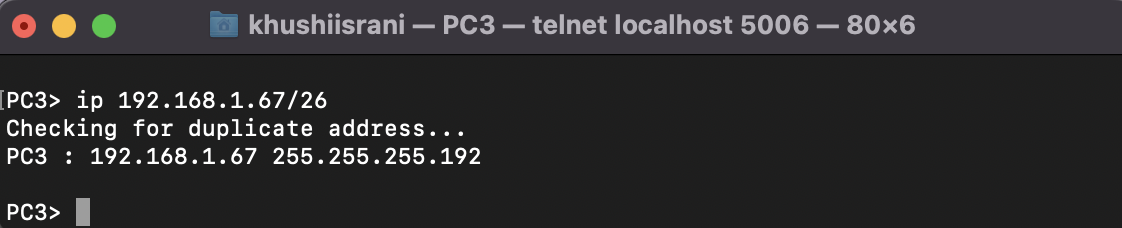
PC1 configuration



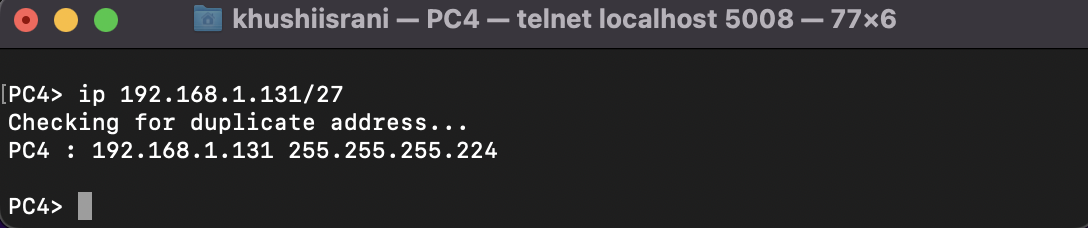
PC2 configuration



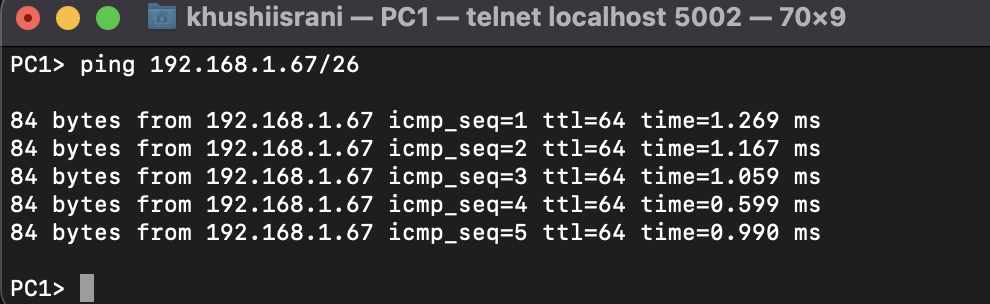
PC3 configuration

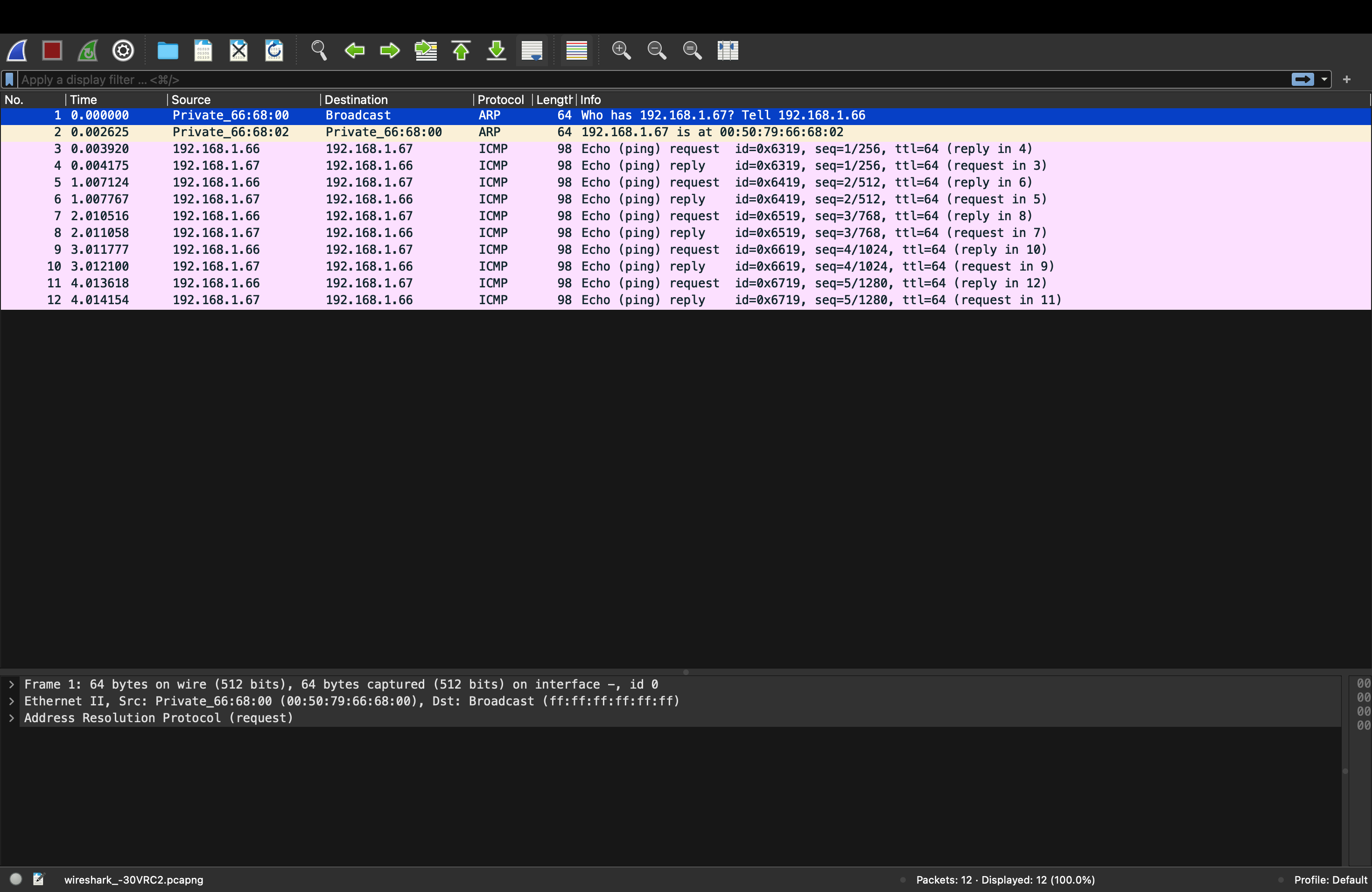


PC4 configuration

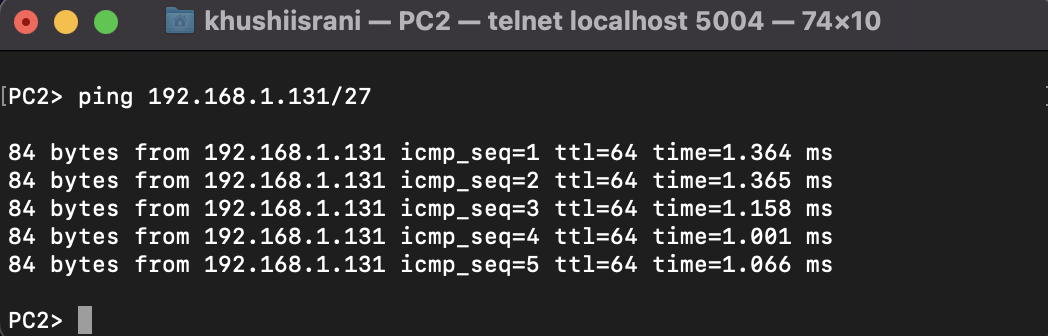


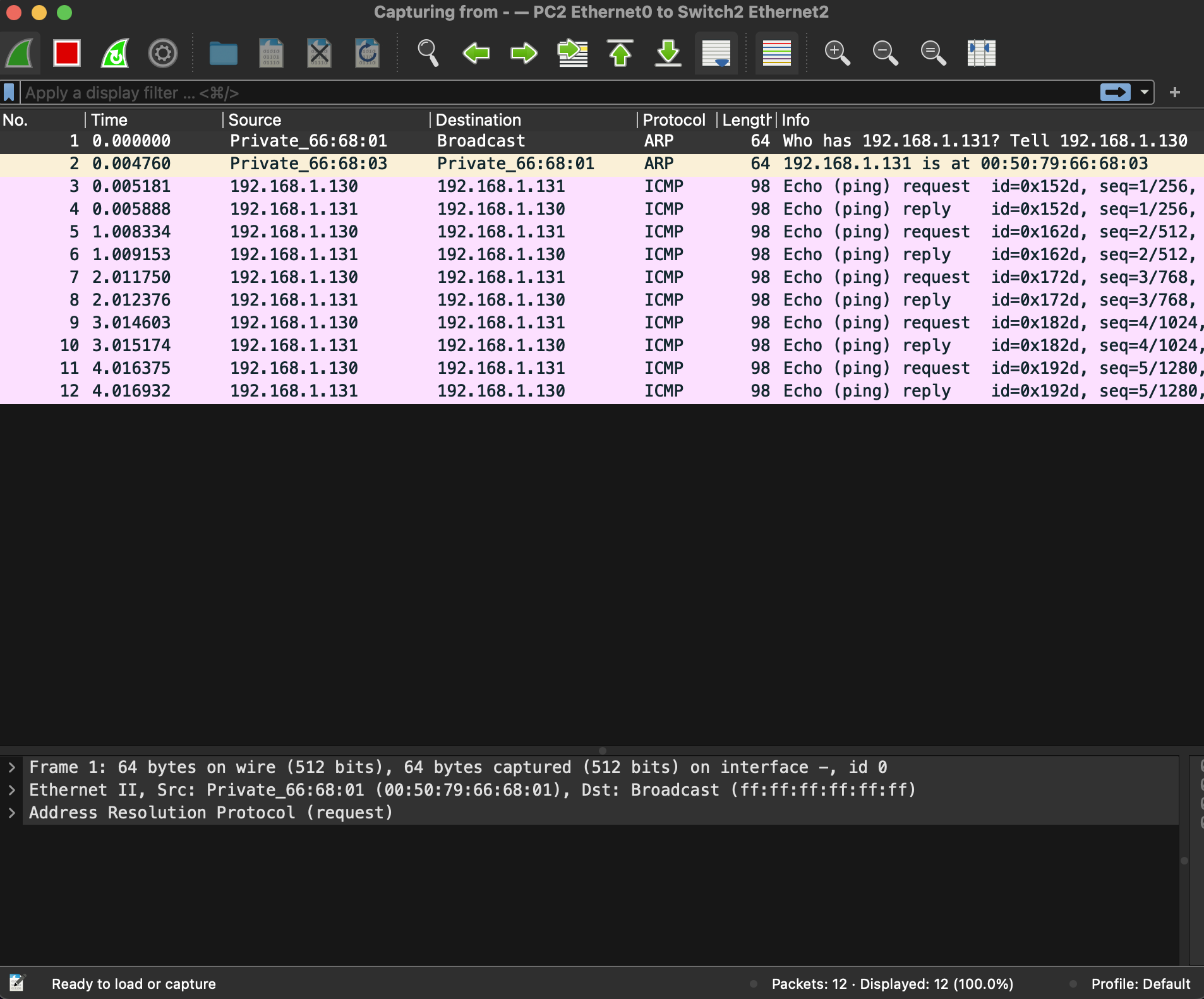
Pinging from PC1 to PC3 and capturing on Wireshark



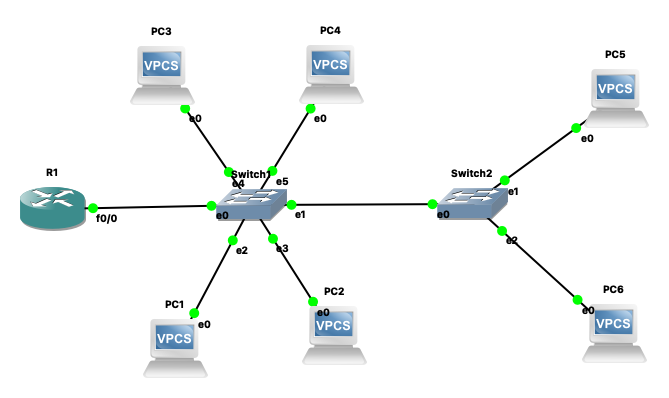


Pinging from PC2 to PC4 and capturing on Wireshark

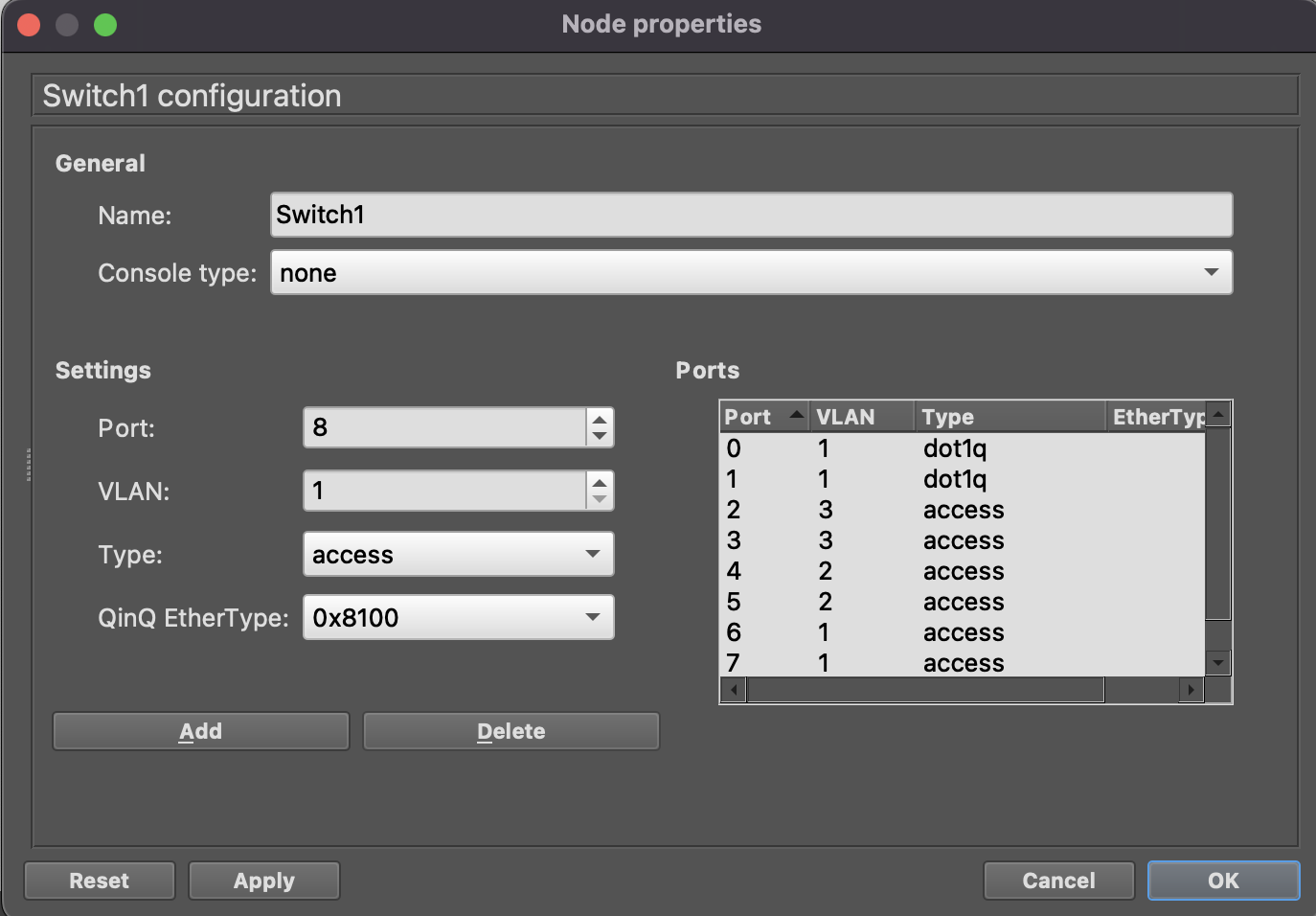




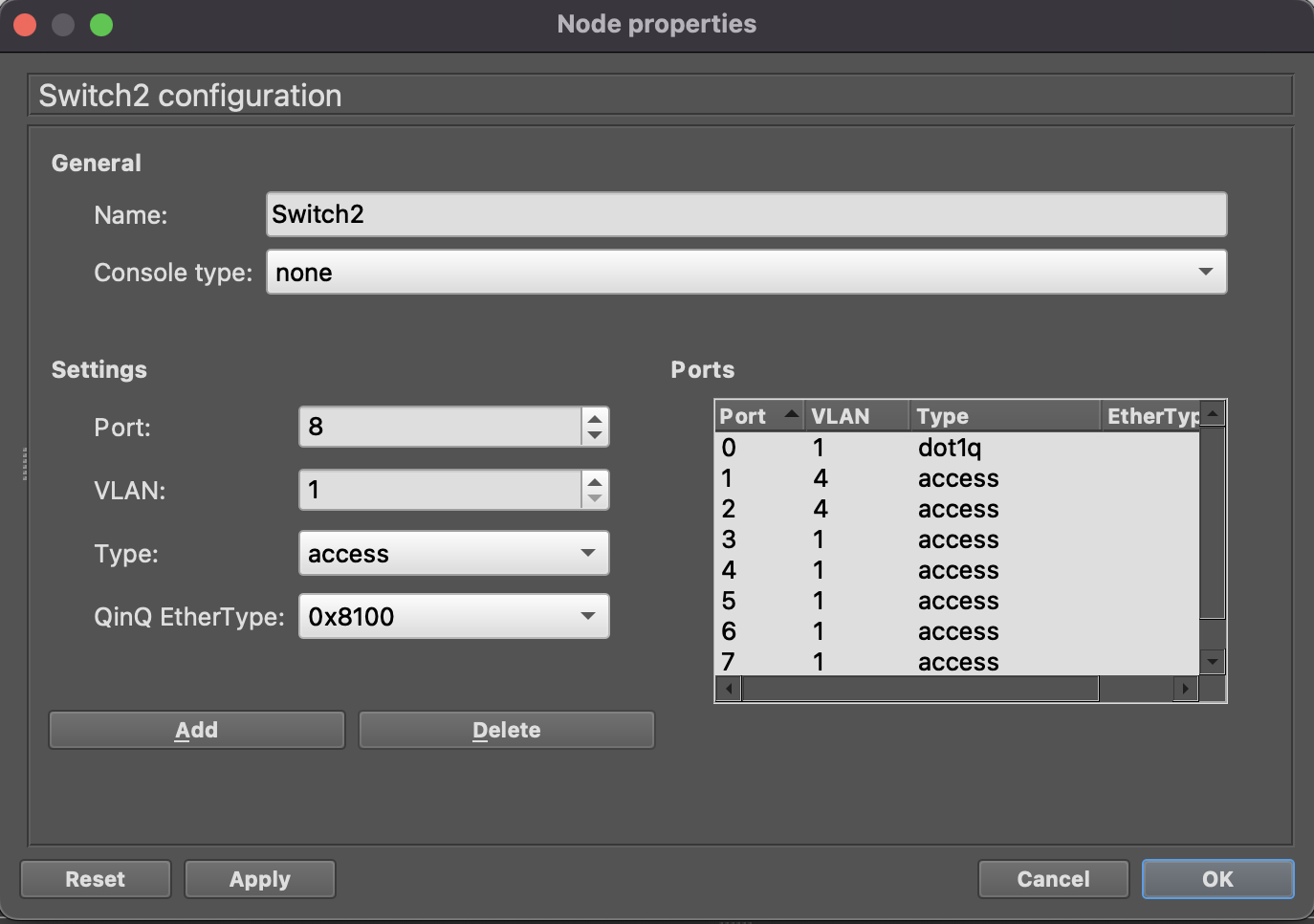
Lab question 2



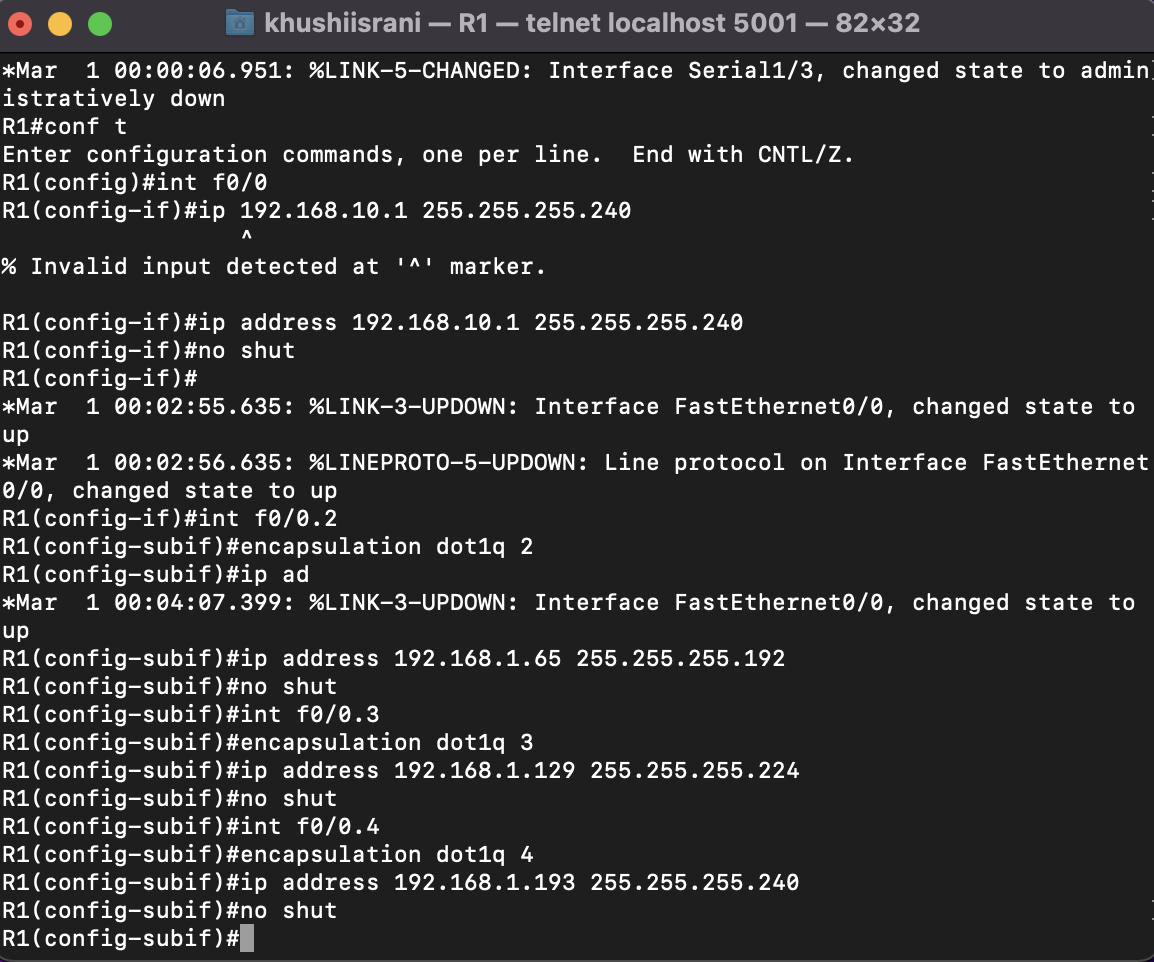
Switch 1 configuration



Switch 2 configuration



R1 configuration



PC configurations

PC1> ip 192.168.1.130/27 192.168.1.129

Checking for duplicate address...

PC1 : 192.168.1.130 255.255.255.224 gateway 192.168.1.129

PC2> ip 192.168.1.131/27 192.168.1.129

Checking for duplicate address...

PC2 : 192.168.1.131 255.255.255.224 gateway 192.168.1.129

PC3> ip 192.168.1.66/26 192.168.1.65

Checking for duplicate address...

PC3 : 192.168.1.66 255.255.255.192 gateway 192.168.1.65

PC4> ip 192.168.1.67/26 192.168.1.65

Checking for duplicate address...

PC4 : 192.168.1.67 255.255.255.192 gateway 192.168.1.65

PC5> ip 192.168.1.194/28 192.168.1.193

Checking for duplicate address...

PC5 : 192.168.1.194 255.255.255.240 gateway 192.168.1.193

PC6> ip 192.168.1.195/28 192.168.1.193

Checking for duplicate address...

PC6 : 192.168.1.195 255.255.255.240 gateway 192.168.1.193

Pinging from PC1 to other PCs

