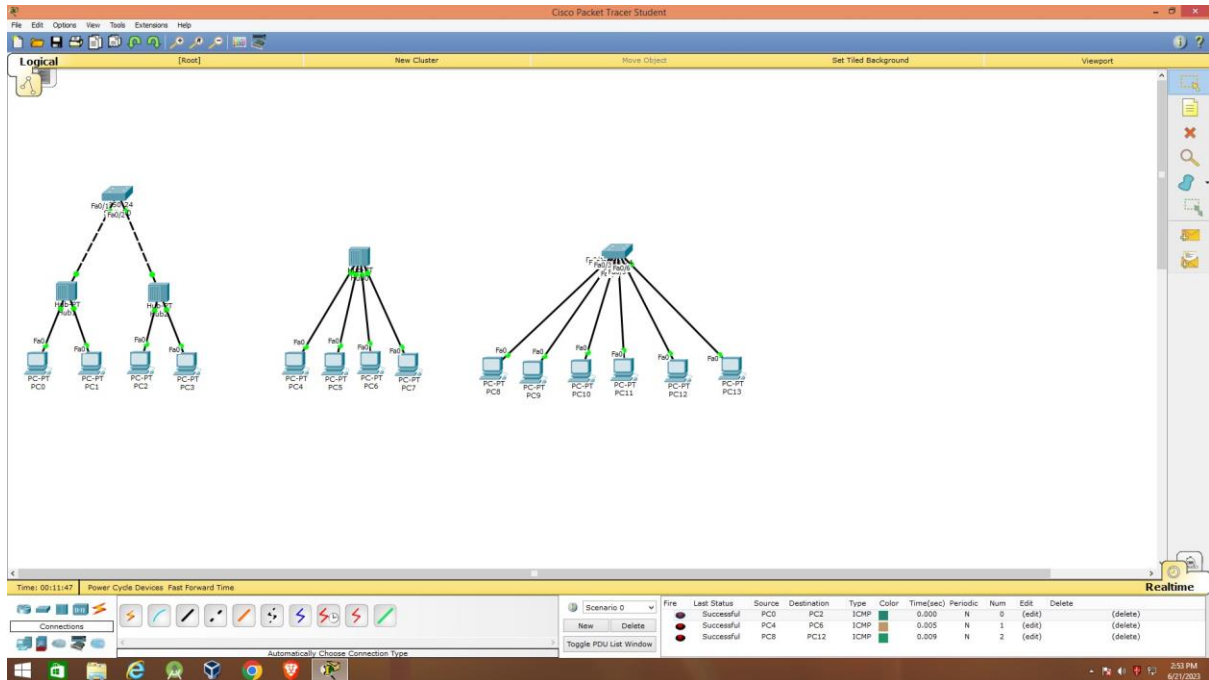
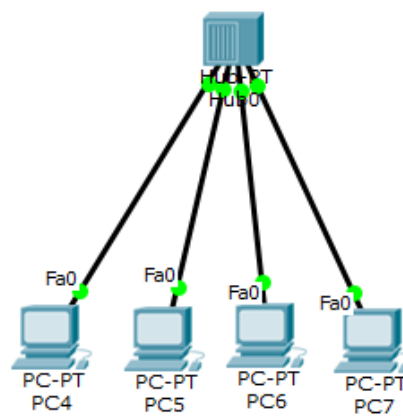


LAB 1

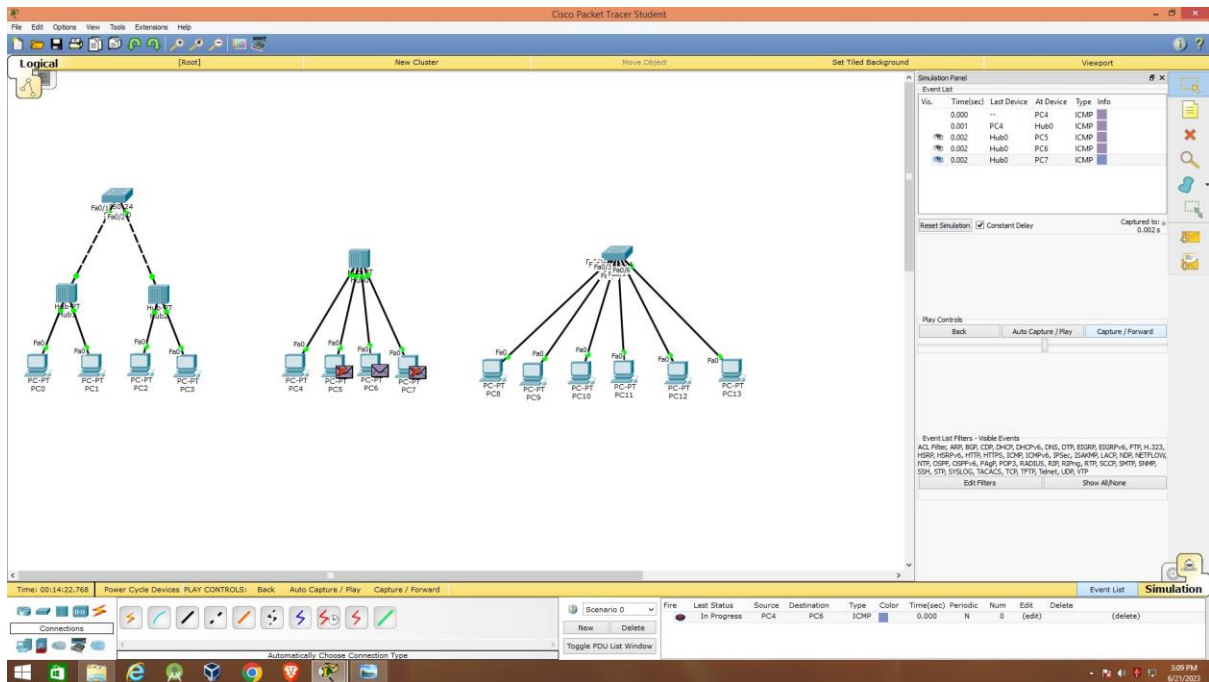
Create a topology and simulate sending a simple PDU from source to destination using hub and switch as connecting devices and demonstrate ping message.



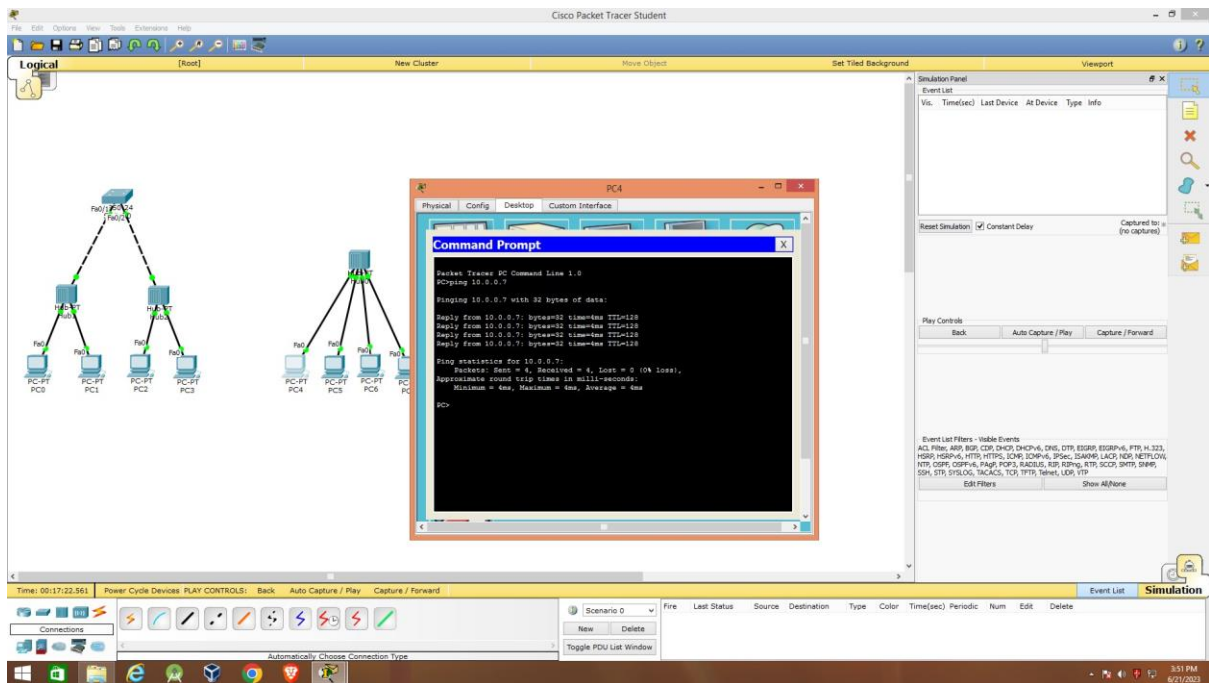
1. Network with Hub



Topology

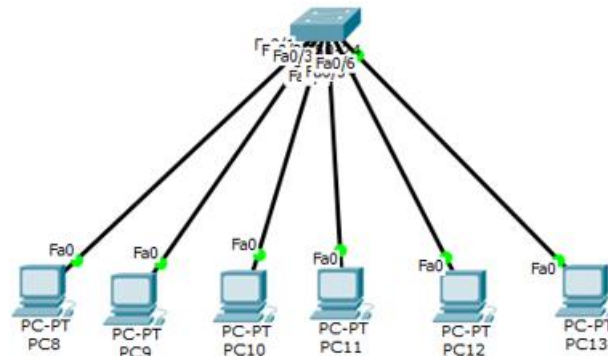


Simulation of network with Hub when message is sent from PC4(IP address 10.0.0.5) to PC6(10.0.0.7)

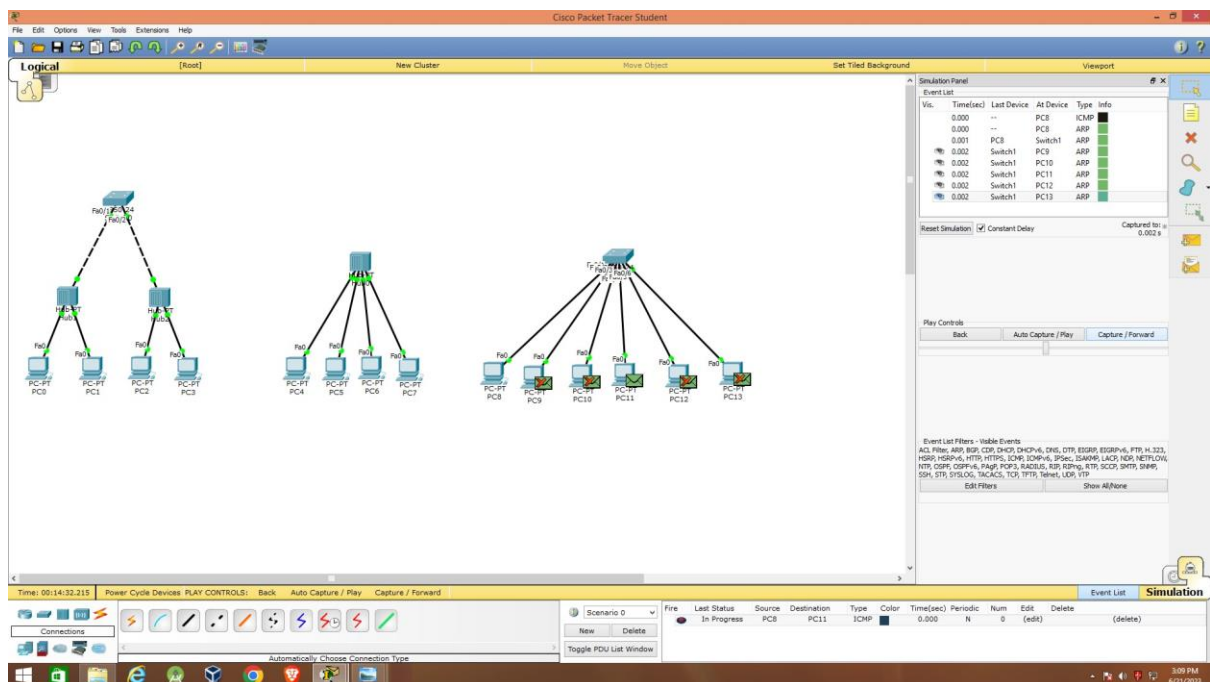


Ping message

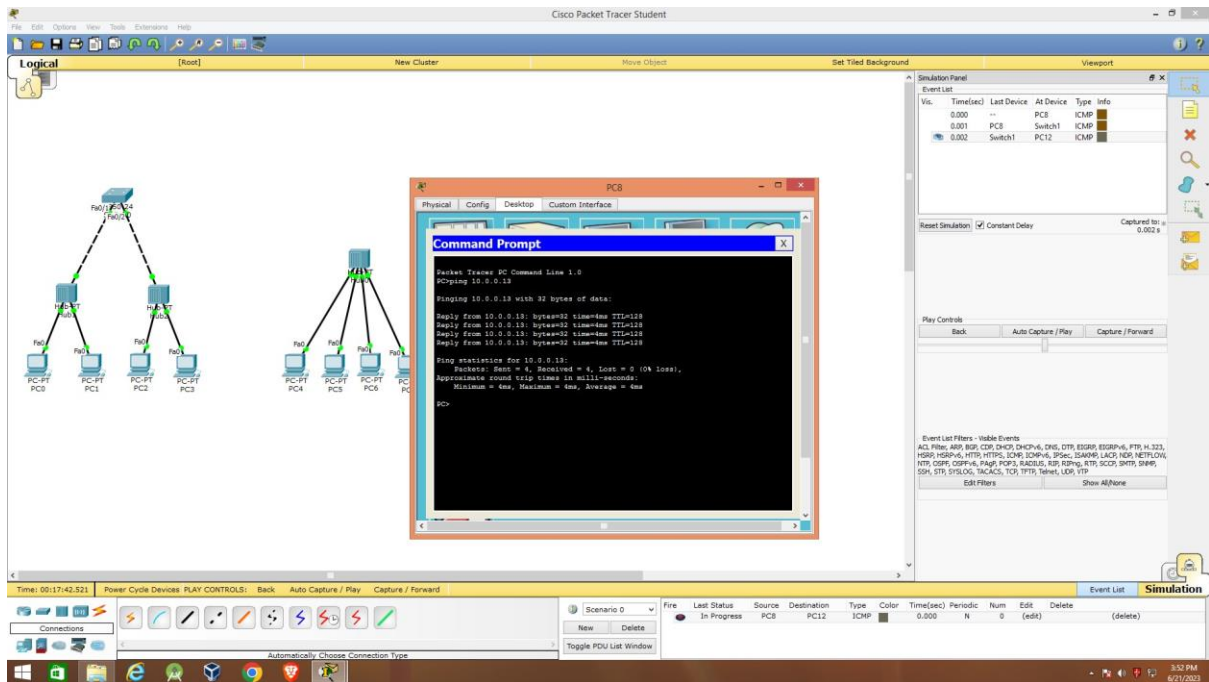
2.Network with Switch



Topology

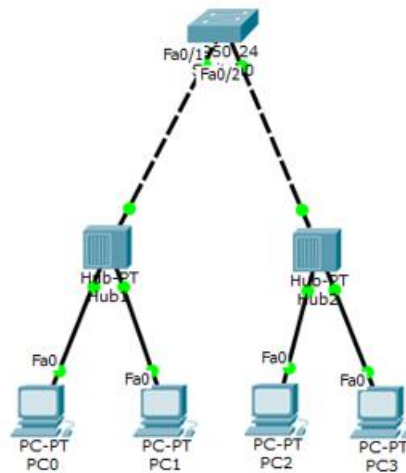


Simulation of network with Switch when message is sent from
PC8(IP address 10.0.0.9) to PC11(10.0.0.13)

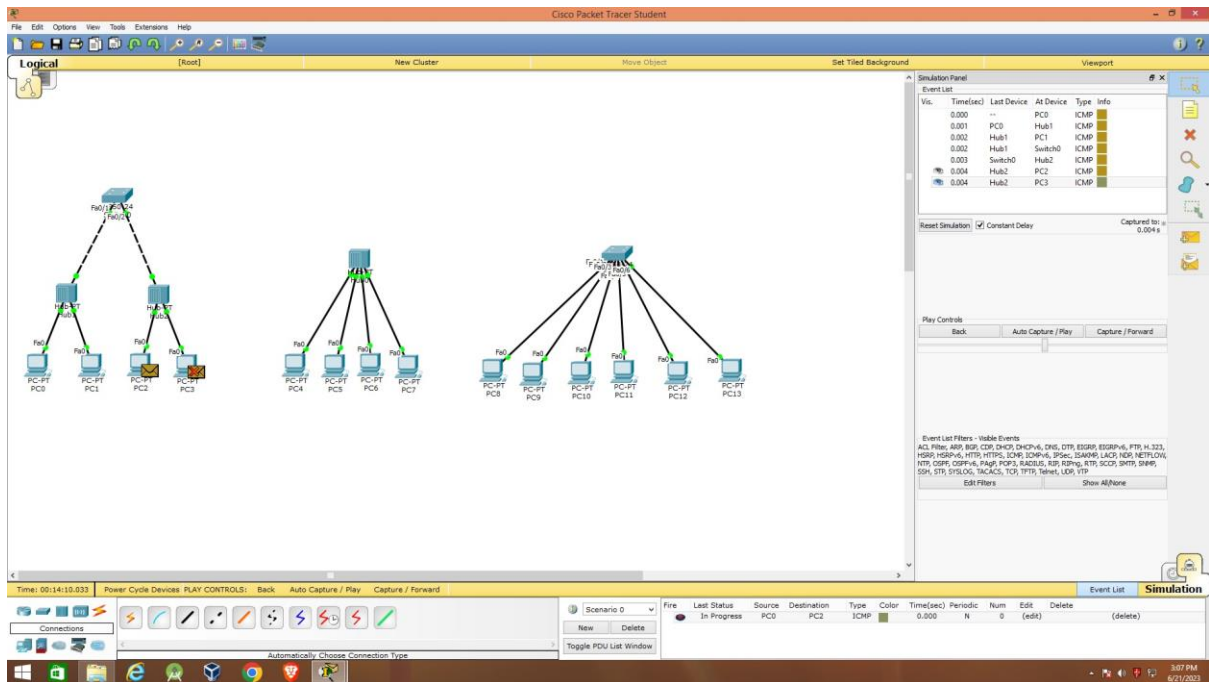


Ping message

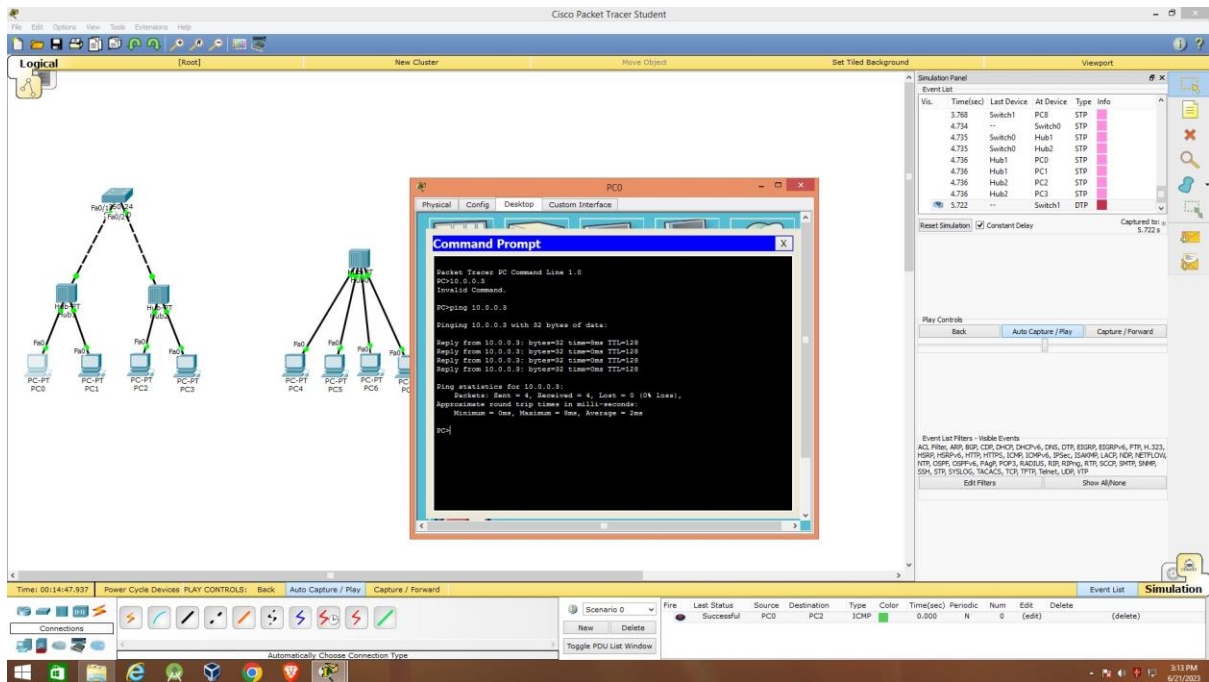
3. Hybrid Network



Topology



Simulation of network when message is sent from
PC0(IP address 10.0.0.1) to PC2(10.0.0.3)



Ping message