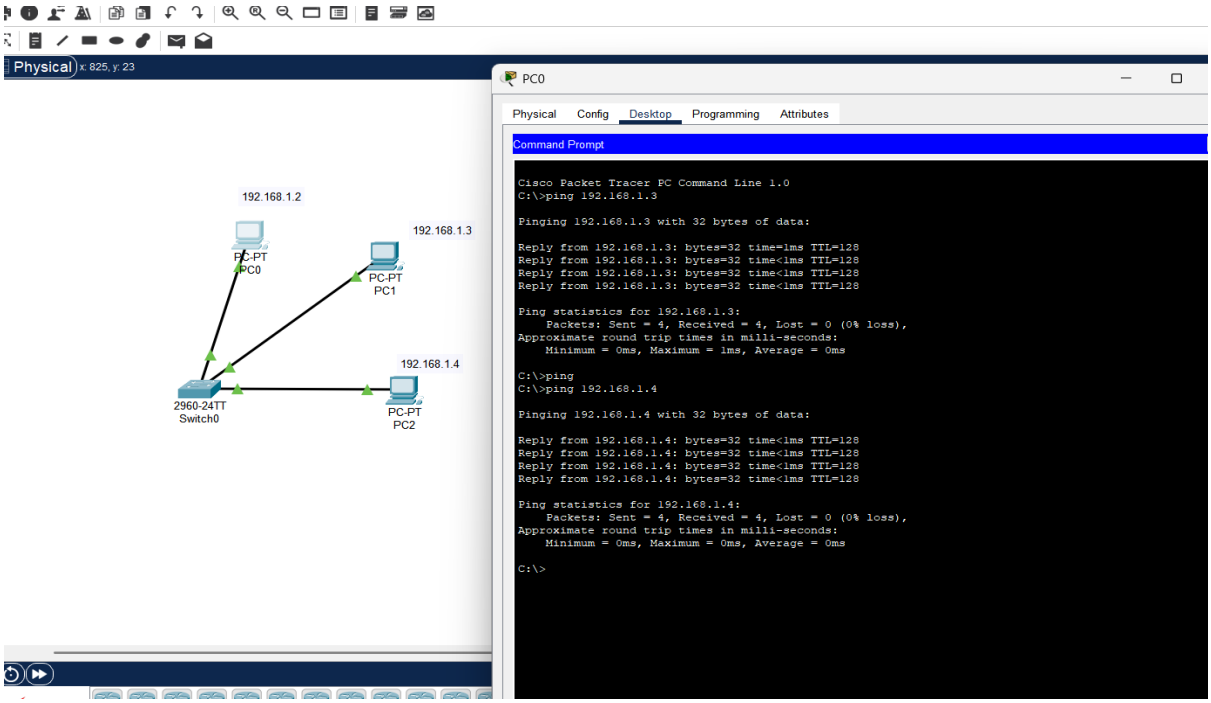
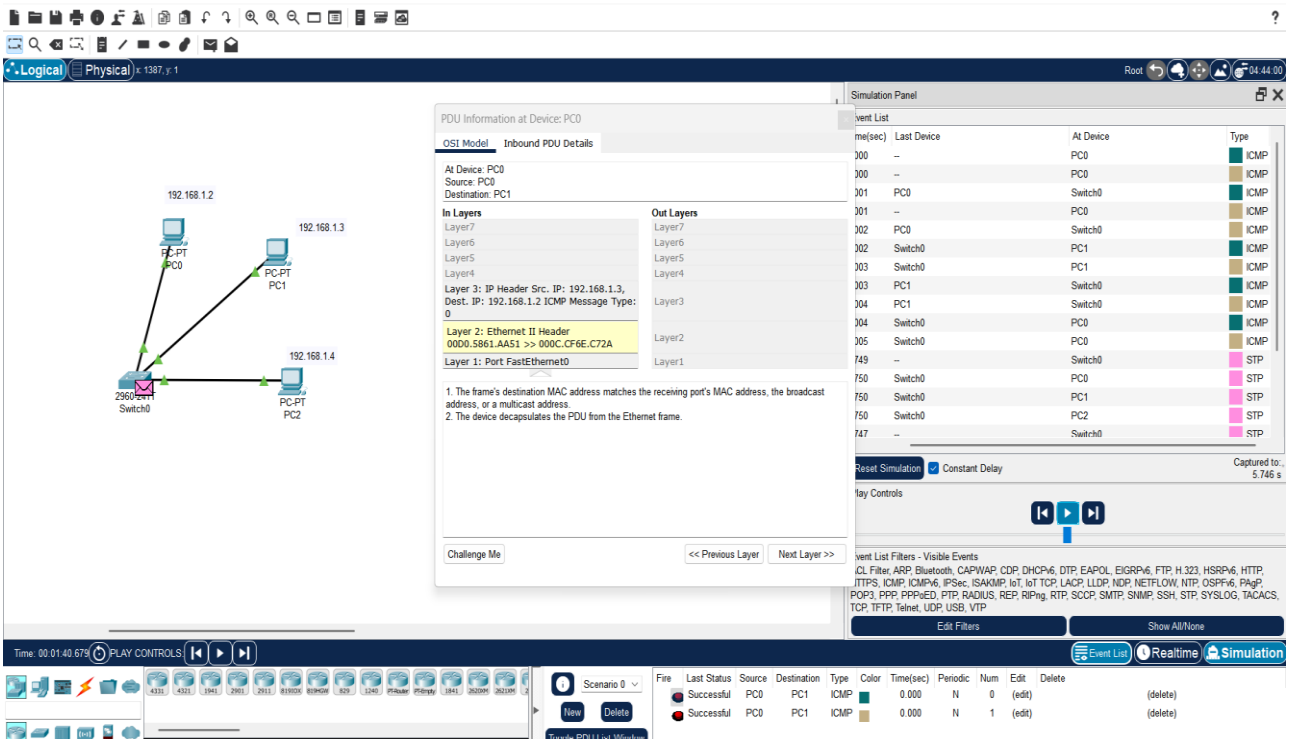
Q1. Simulate a small network with switches and multiple devices. Use ping to generate traffic and observe the MAC address table of the switch. Capture packets using Wireshark to analyze Ethernet frames and MAC addressing.

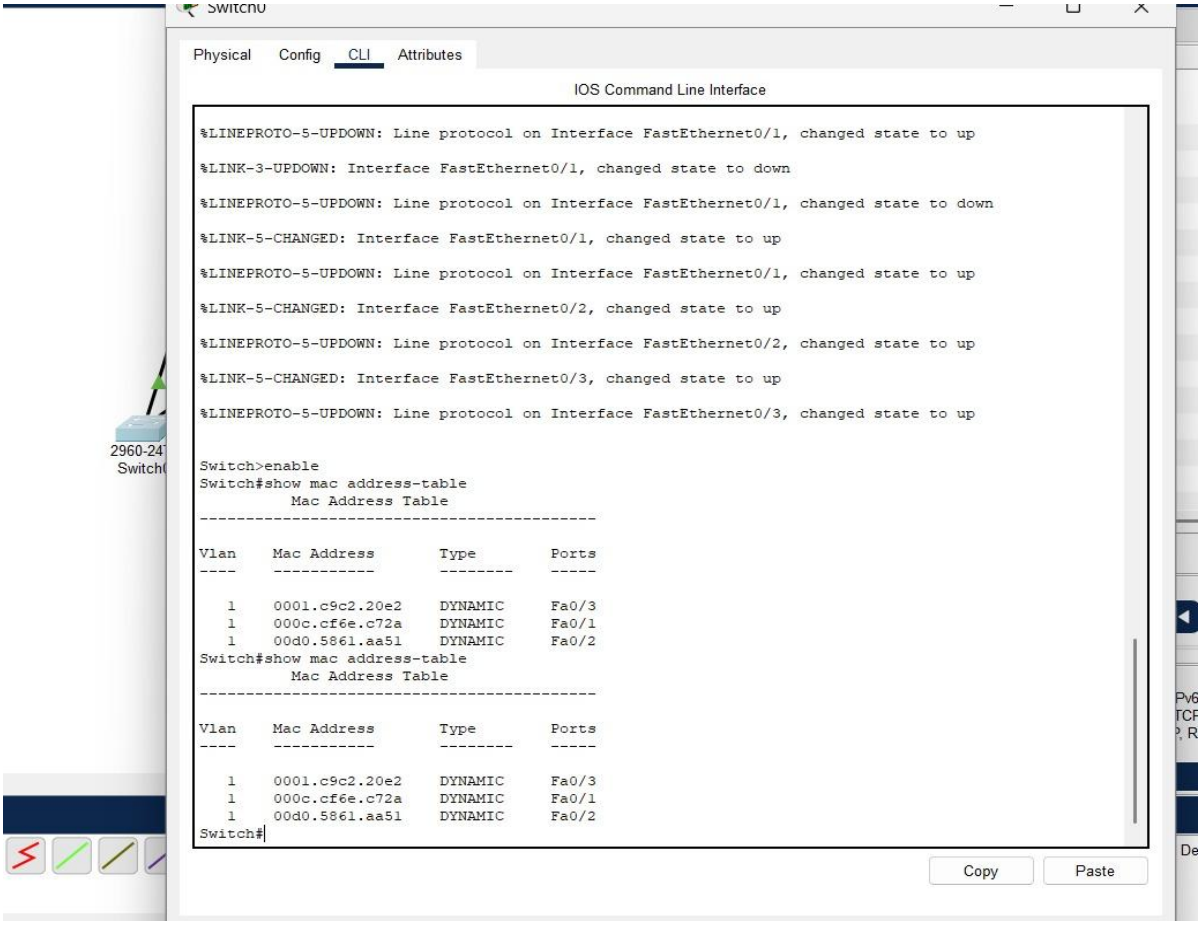
Pinging pc0 -> pc1 and pc0 -> pc2



Capturing Packets in Simulation mode : Wireshark-like packet analysis in Cisco Packet tracer Simulation Mode



MAC address table of the switch



Frame Analysis