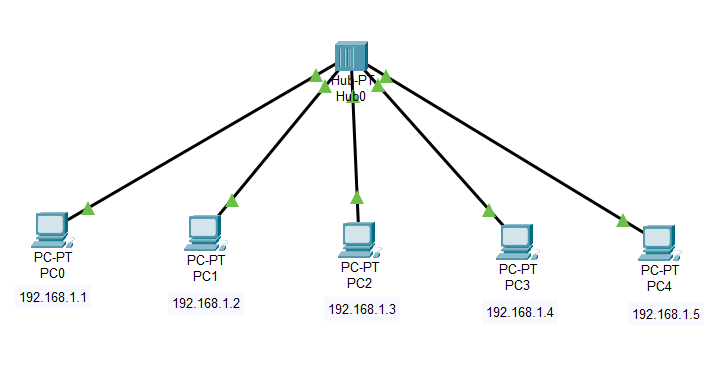
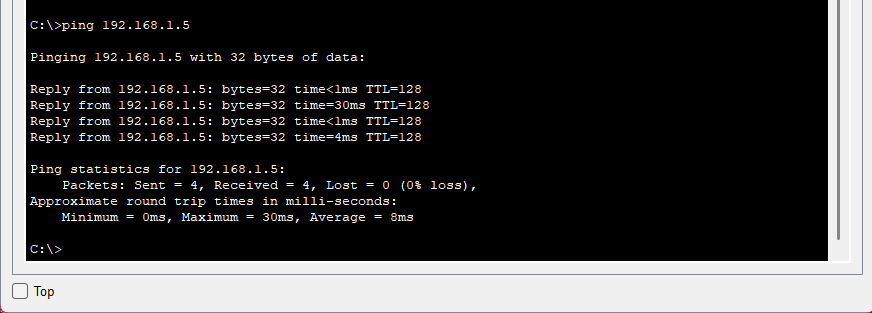
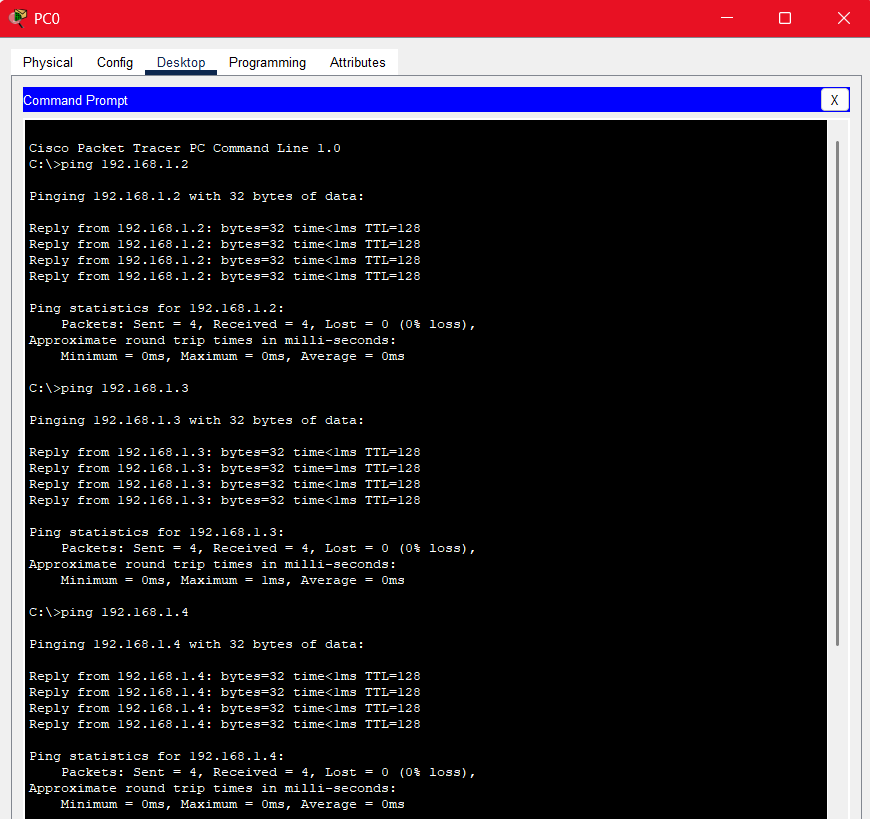
1. Form a single network using a Hub. Ping any 2 machines. Simulate using packet flow.

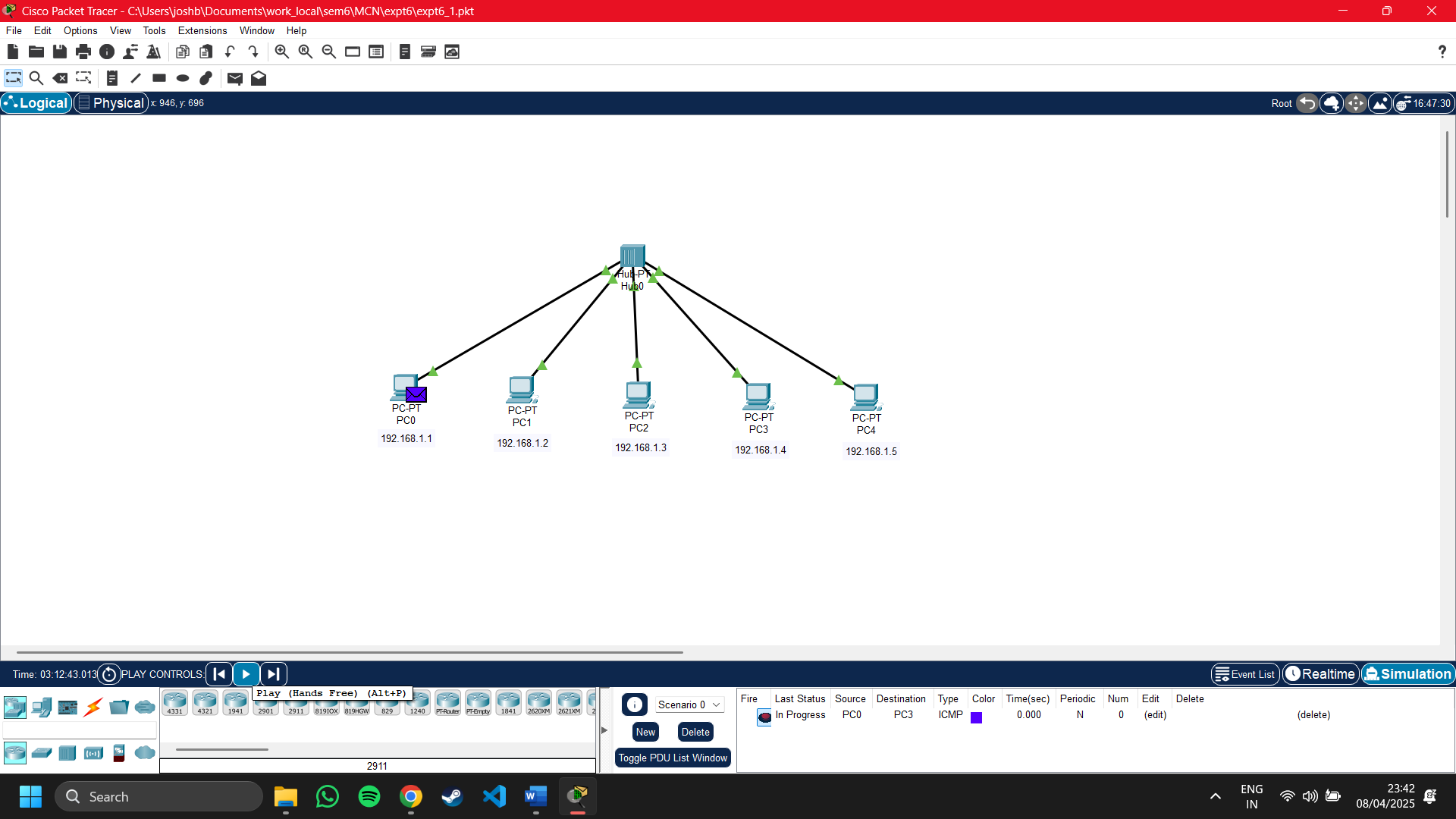
i. Network topology

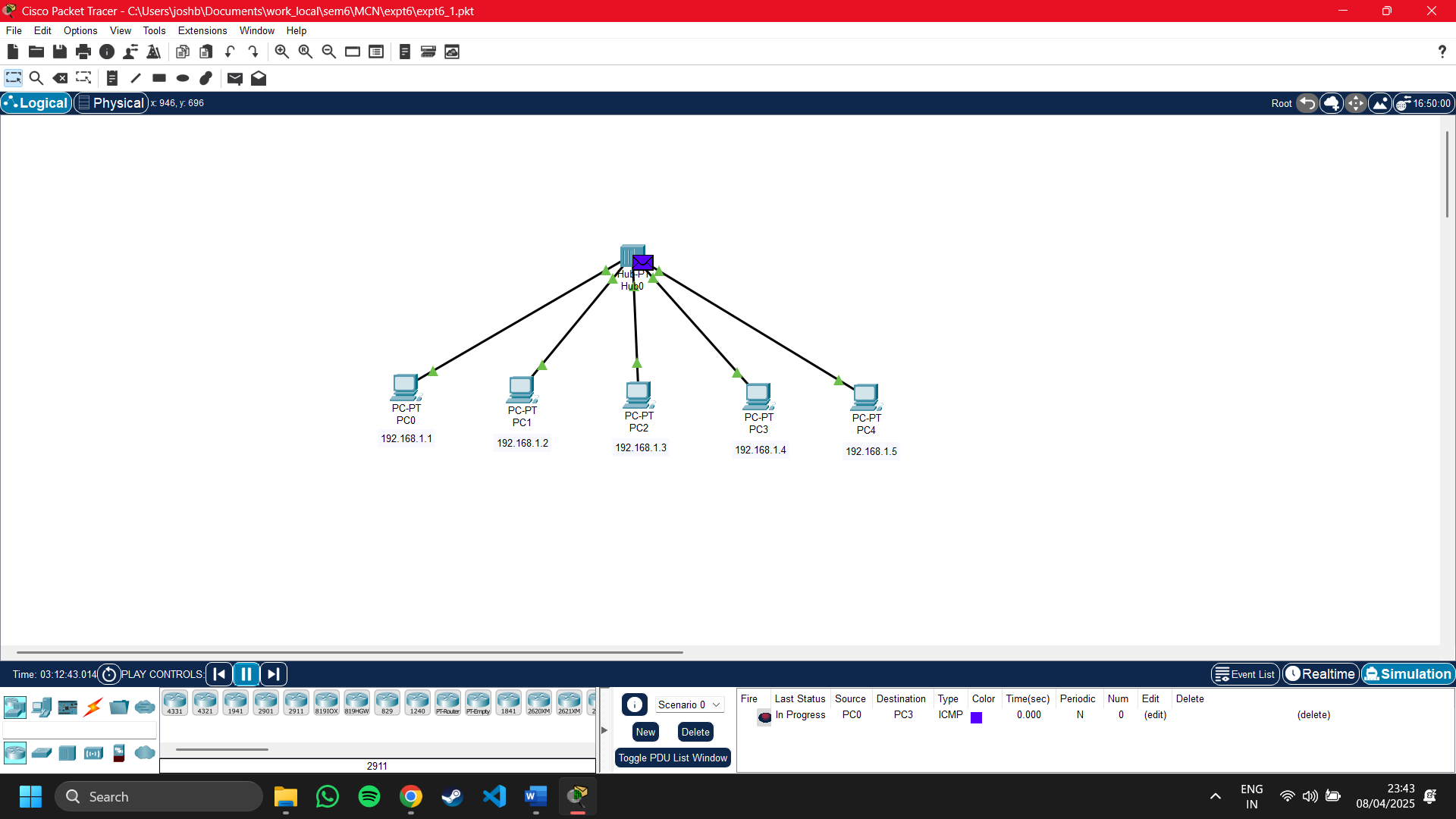


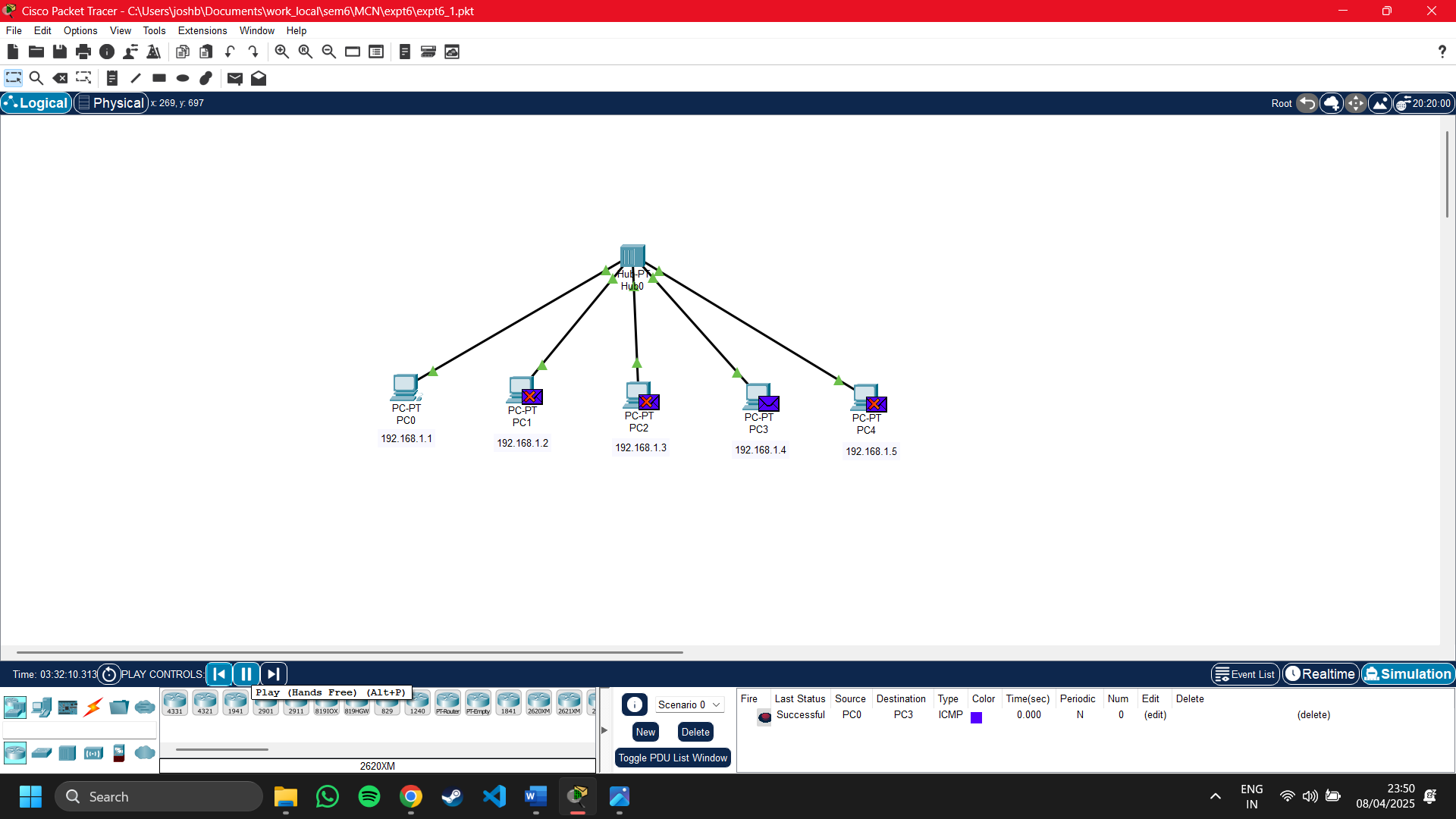
ii. Output of PING command (testing full connectivity):

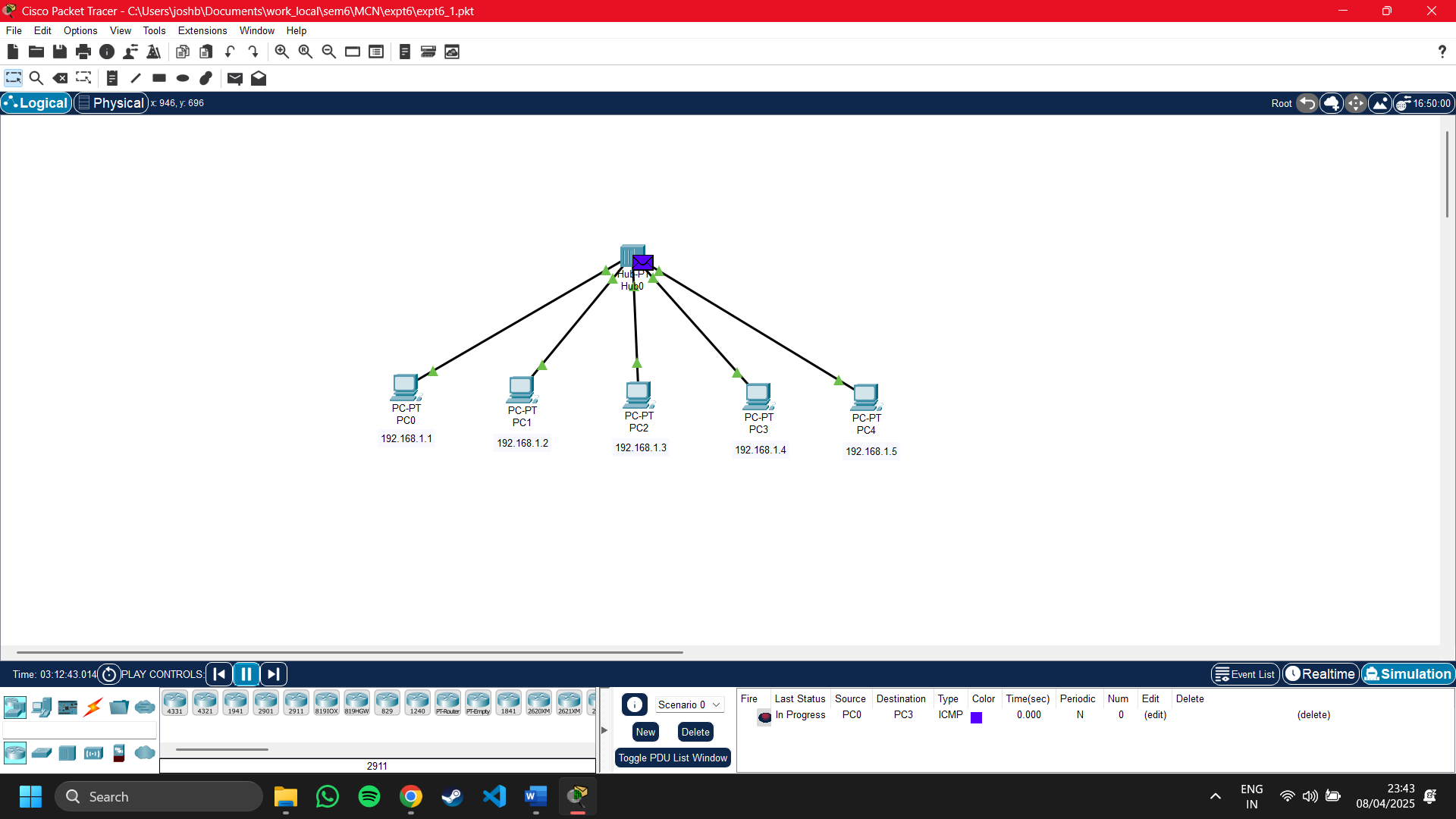


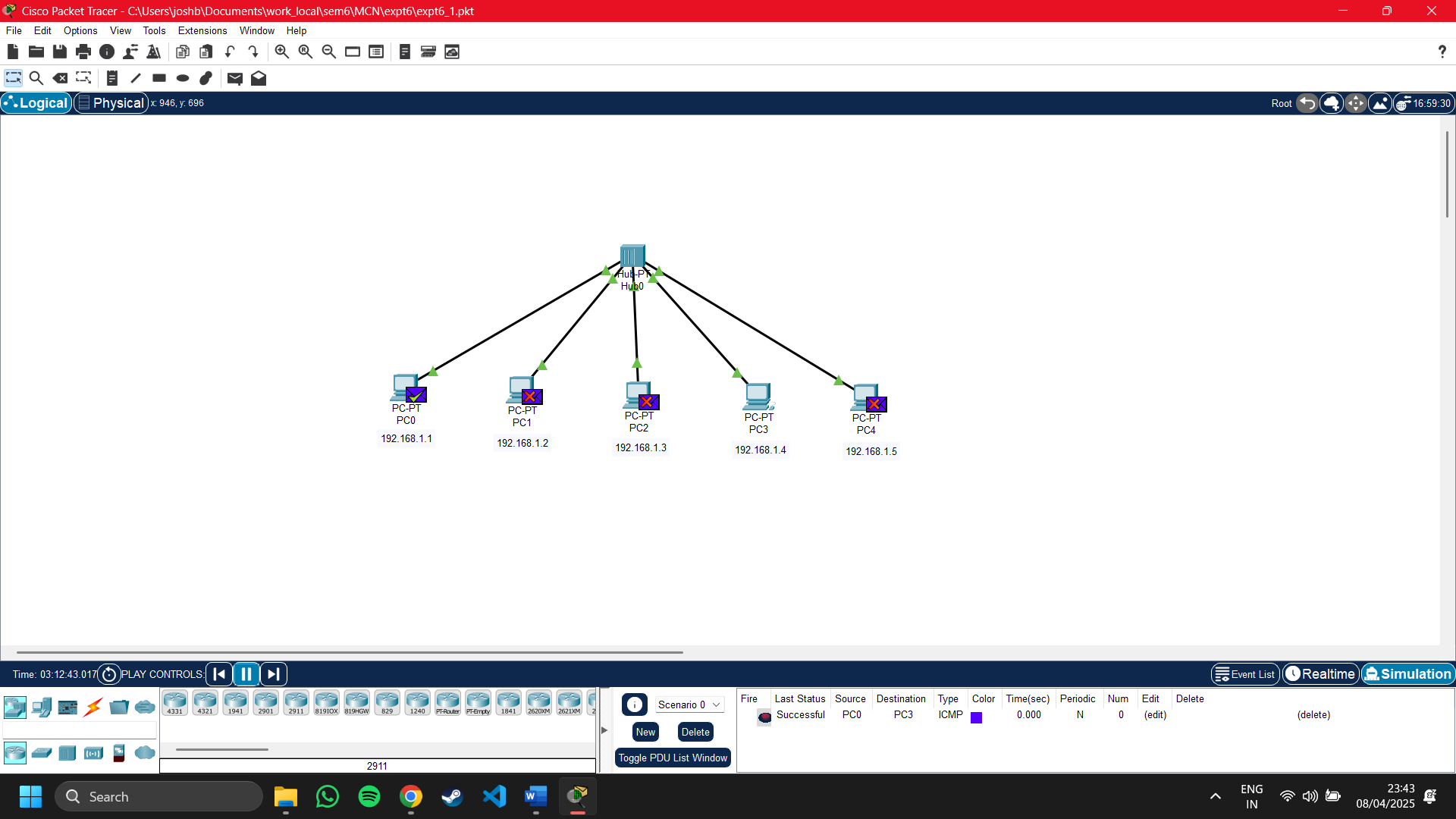
iii. Packet flow (simulation):





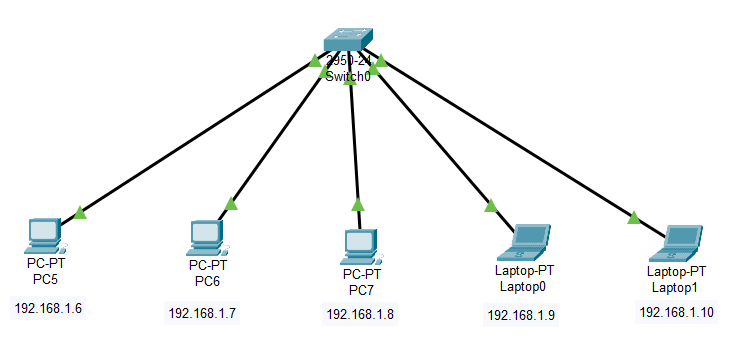




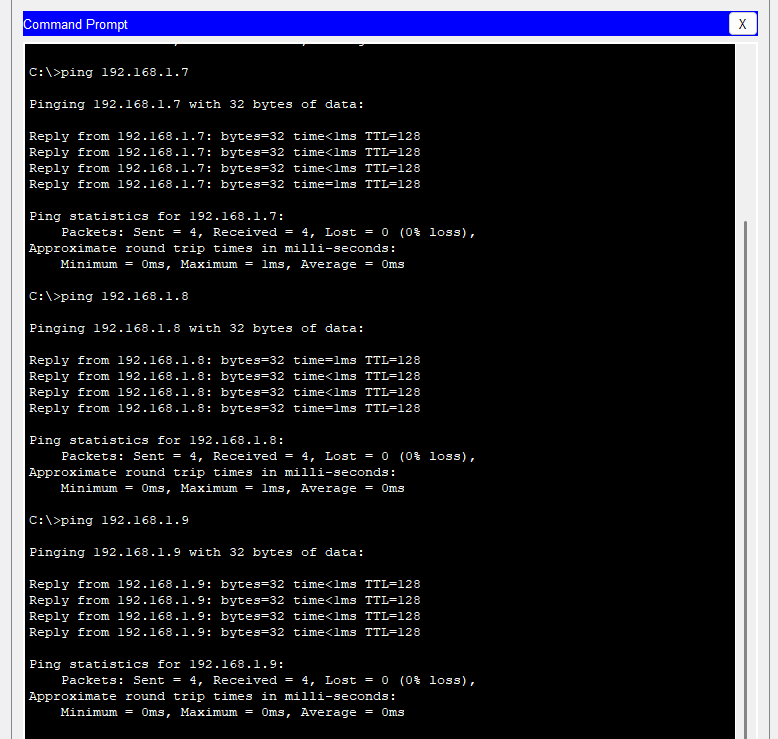
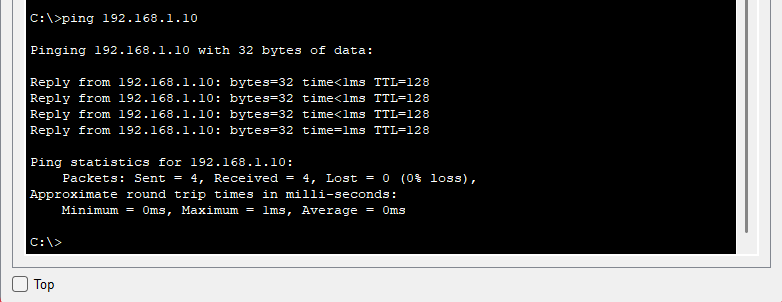


2. Form a single network using a switch. Ping any 2 machines. Simulate using packet flow.

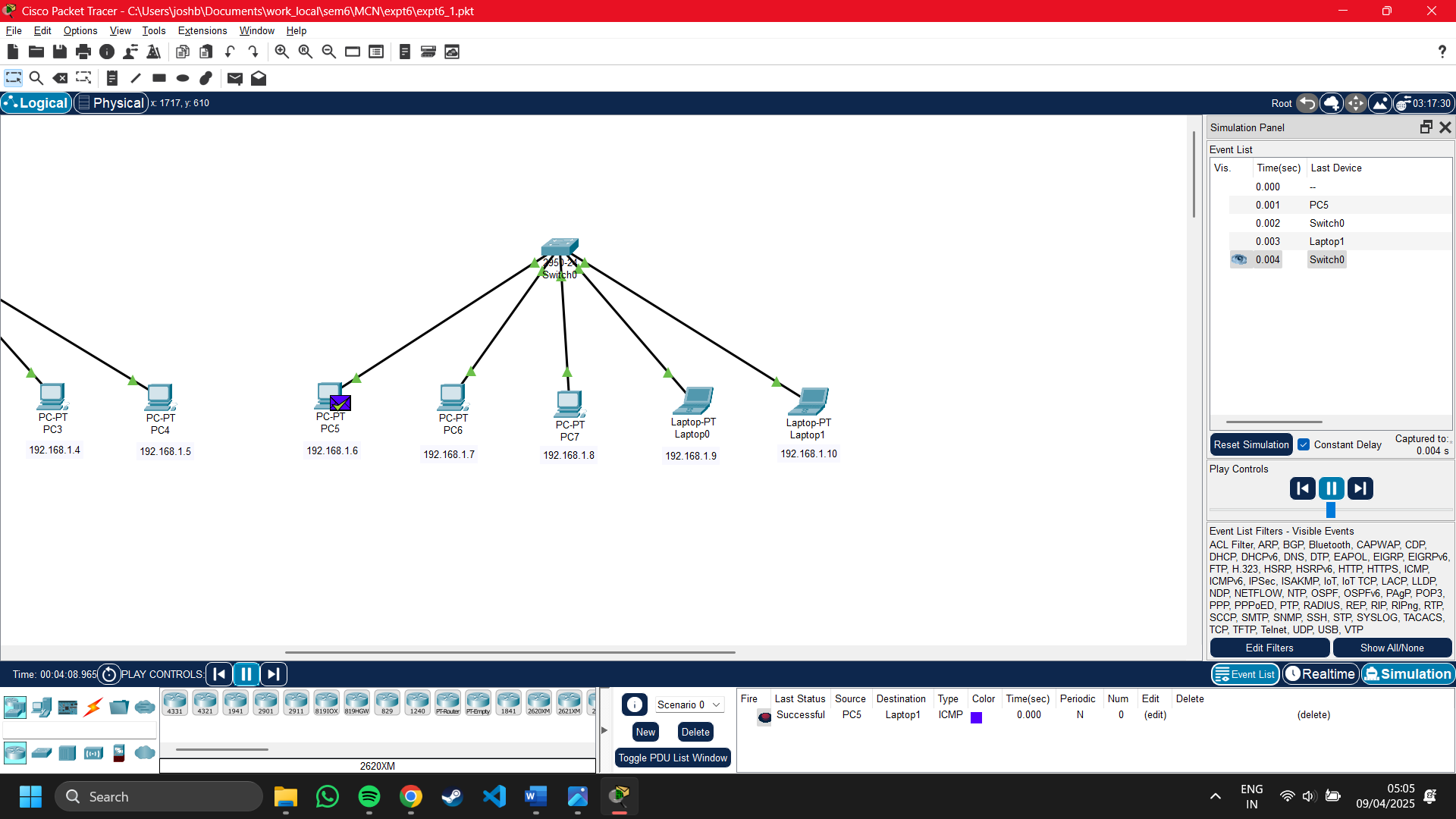
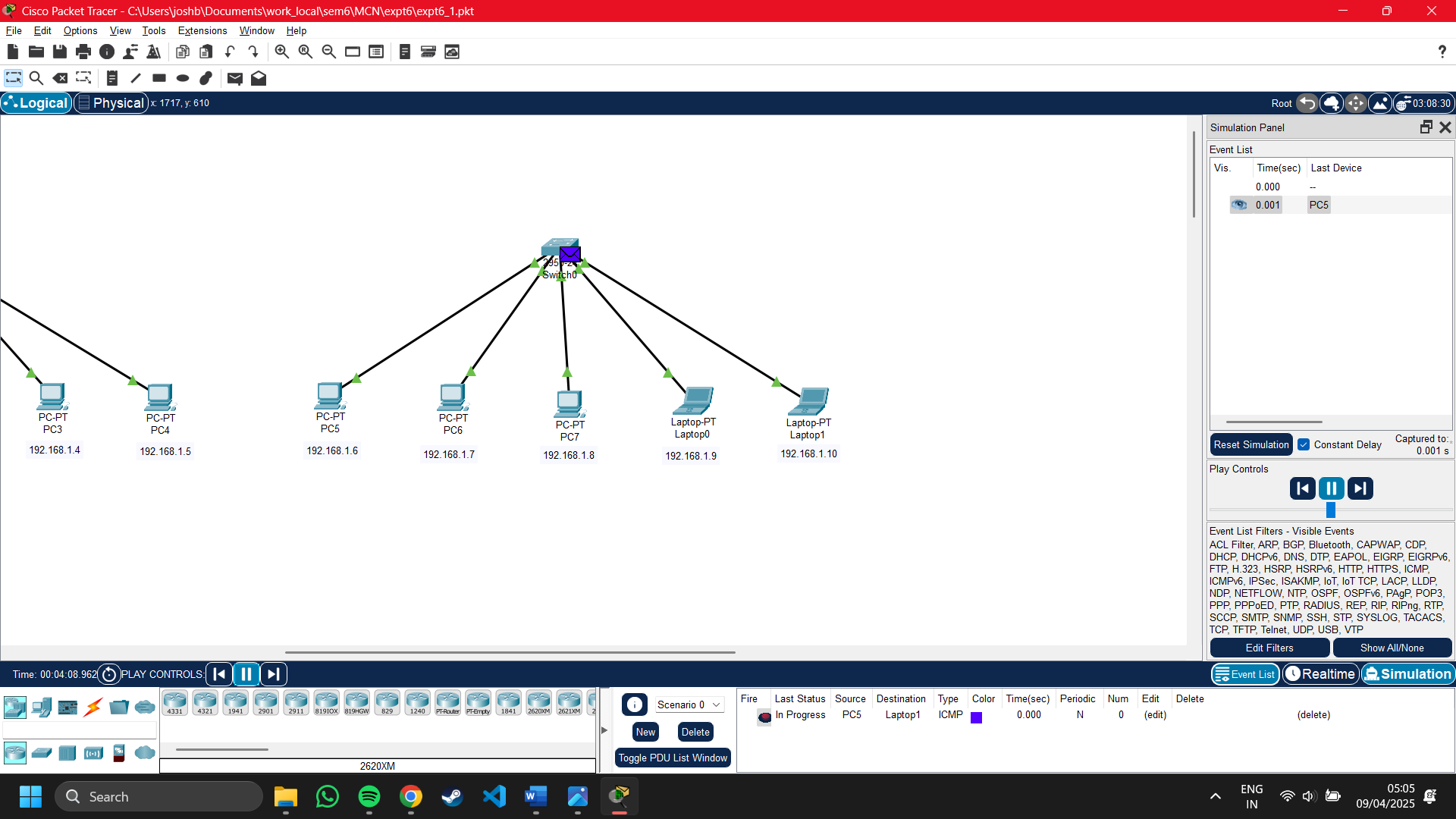
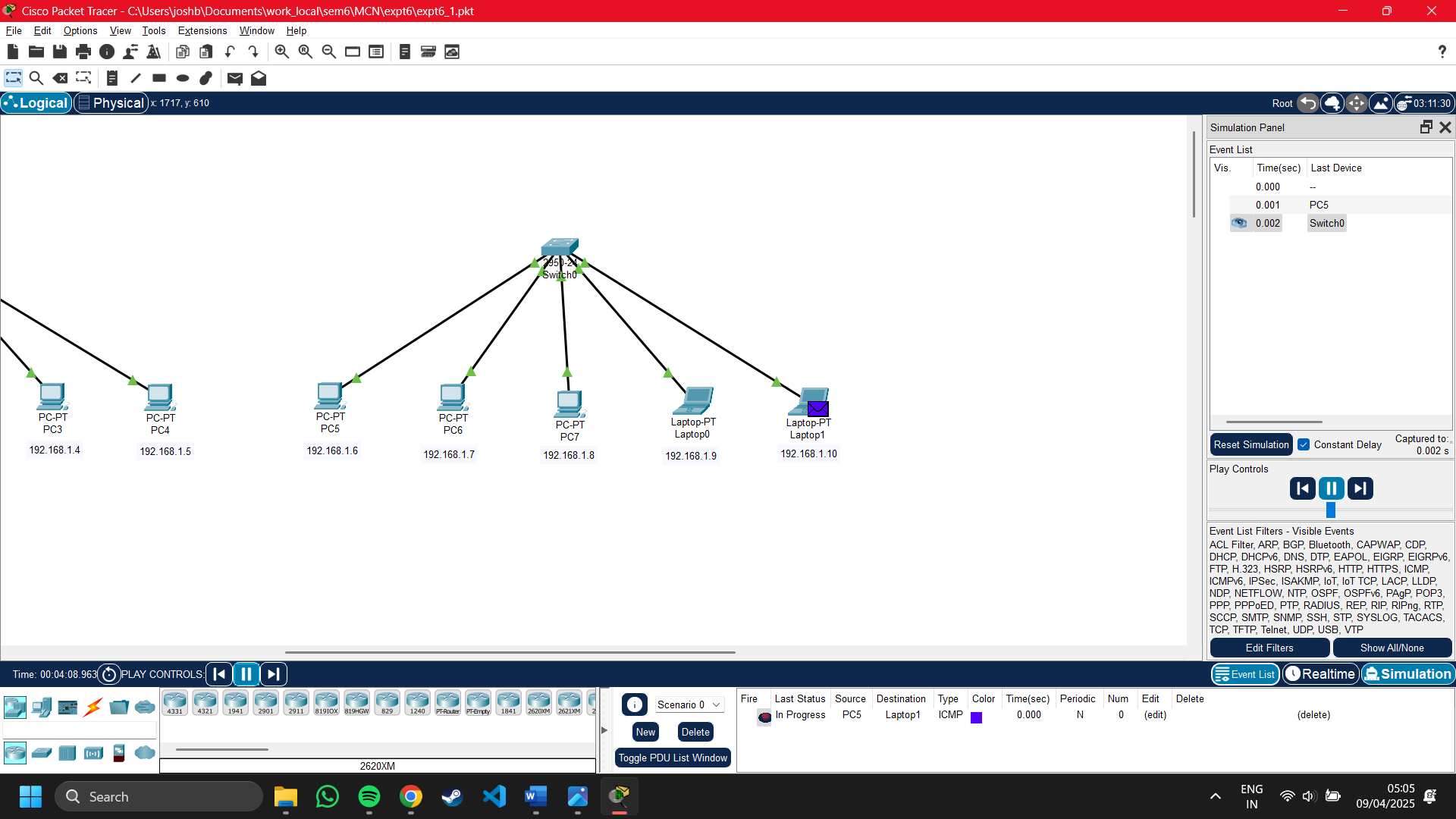
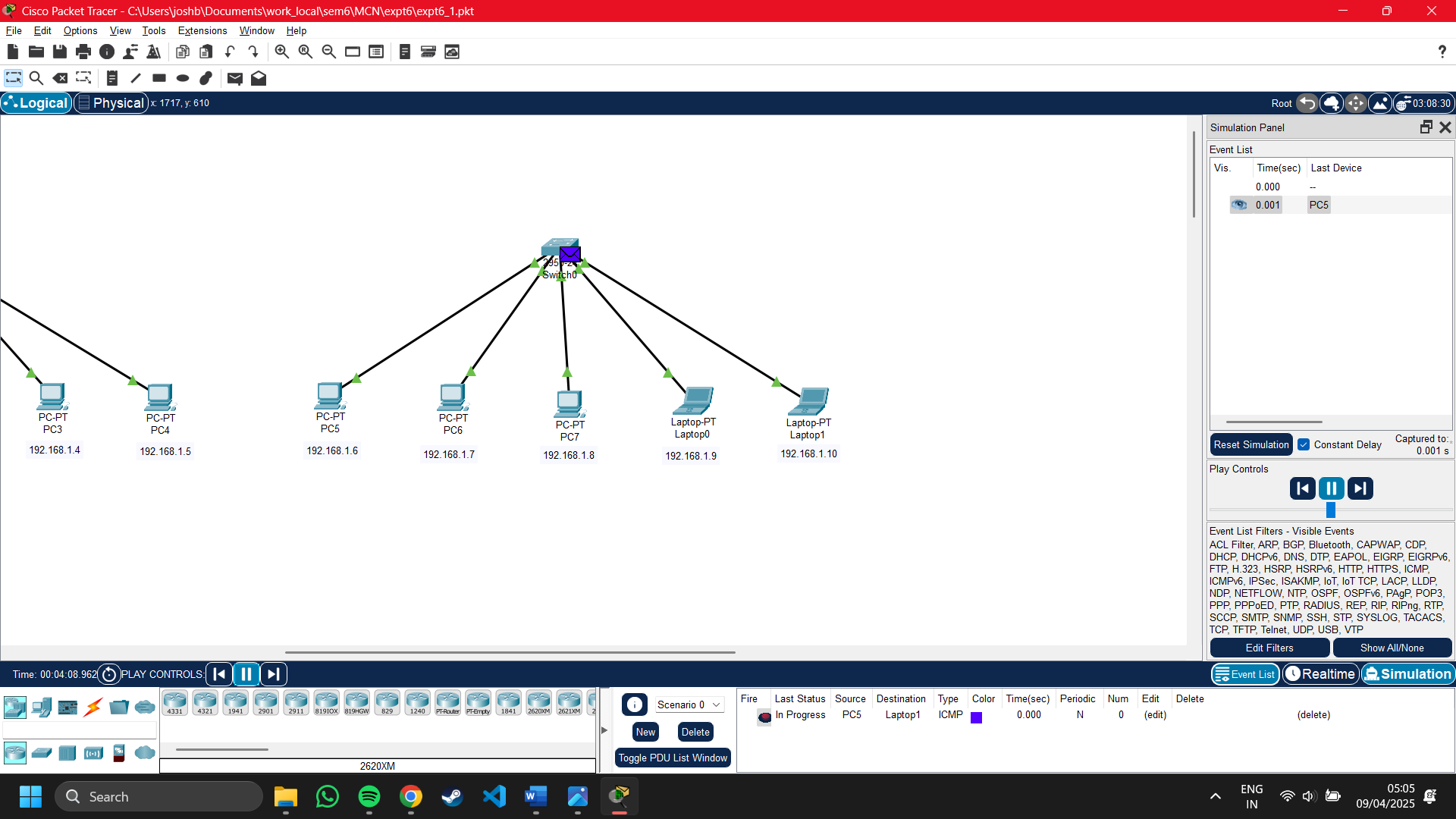
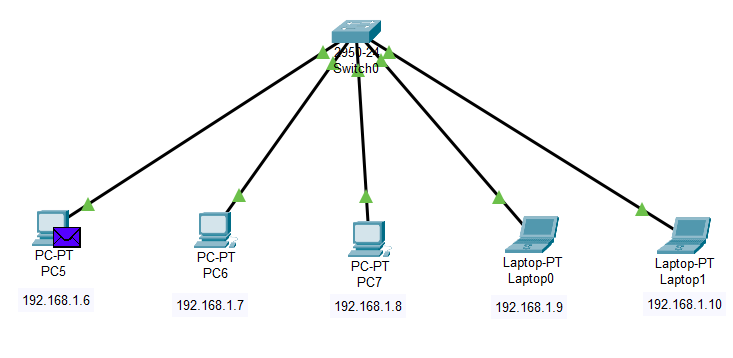
i. Network topology



ii. Output of PING command (testing full connectivity):

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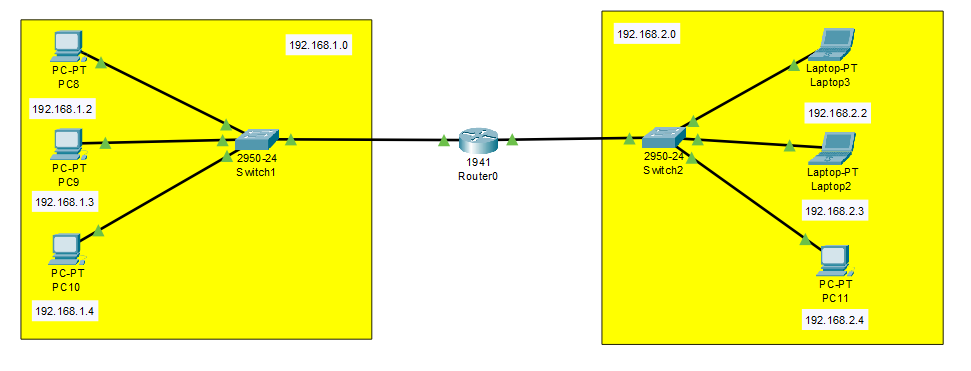
iii. Packet flow (simulation):



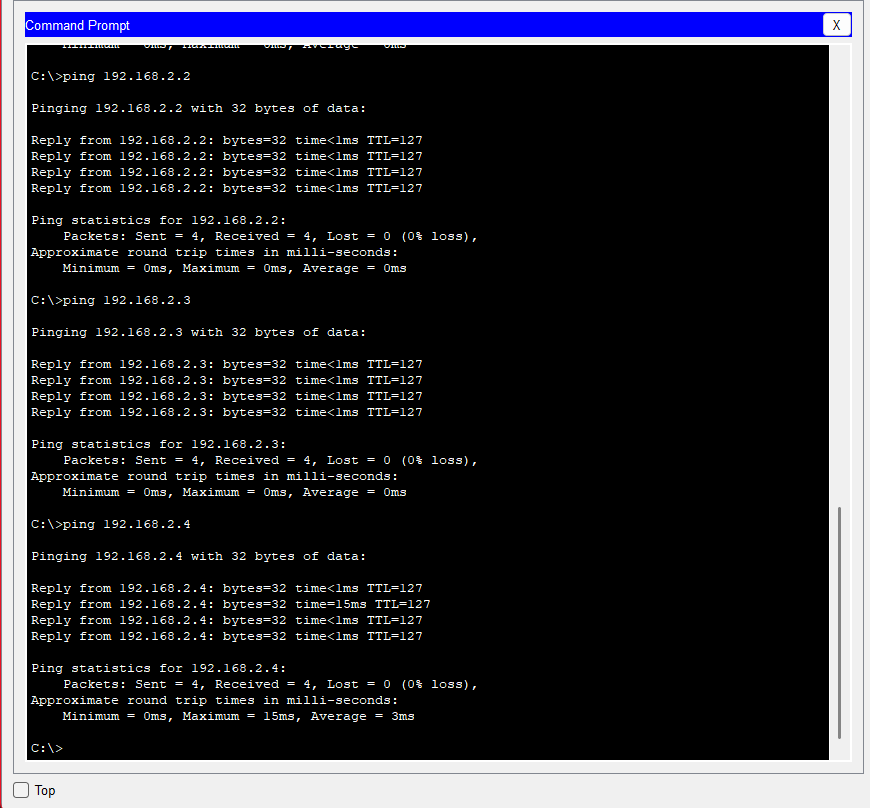
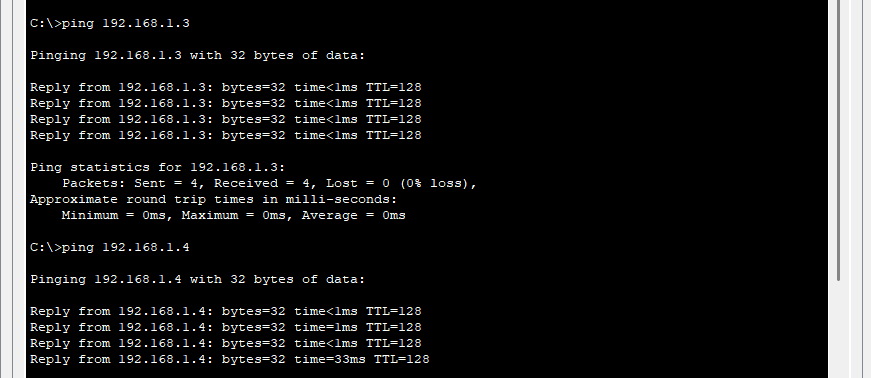
3. Connect 2 networks by making use of a router. Ping any 2 machines across the networks. Simulate

using packet flow.

i. Network topology:

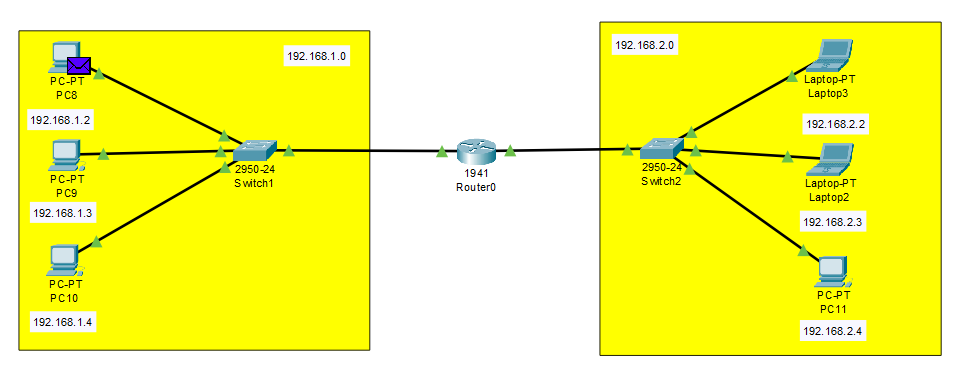


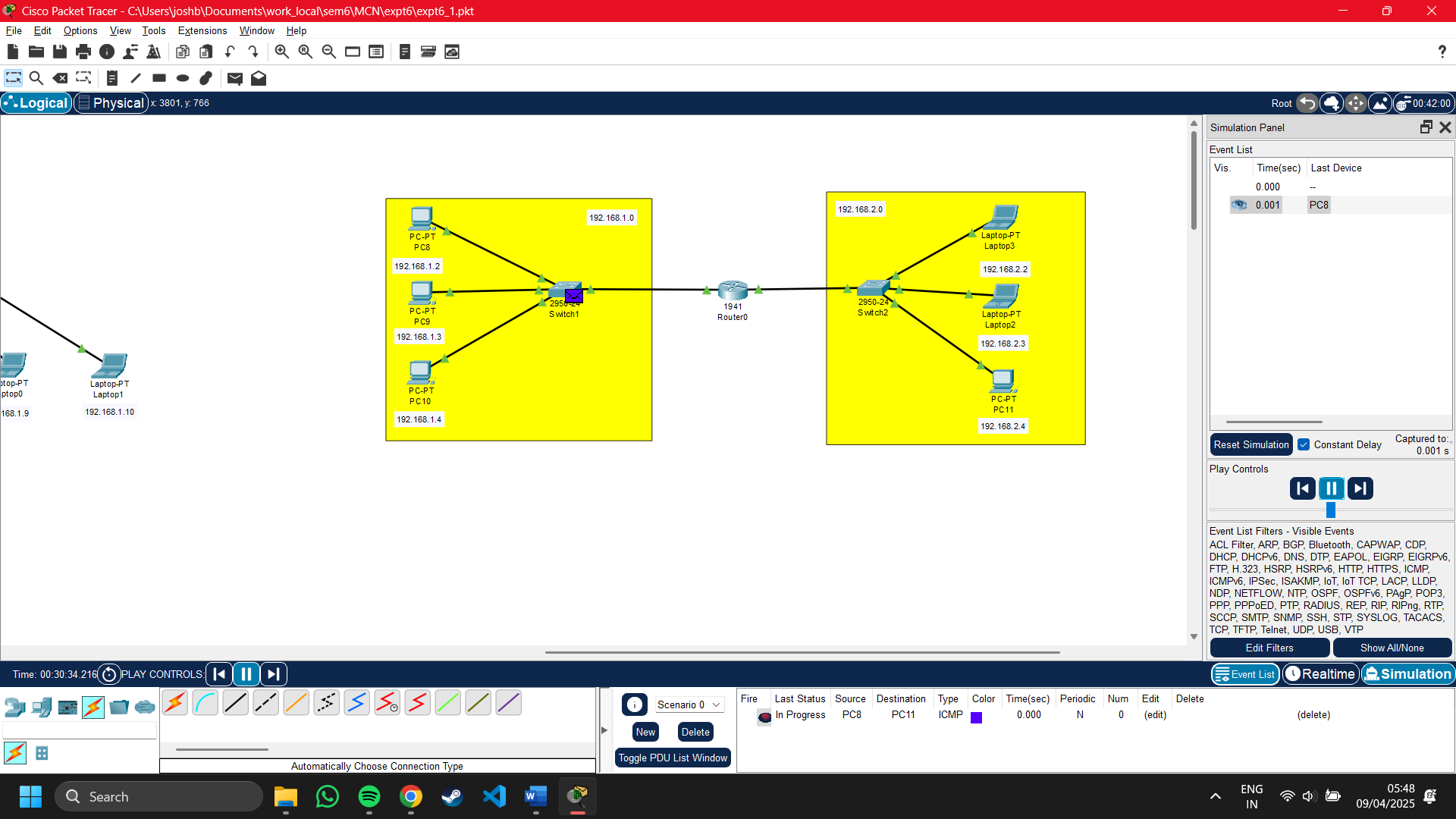
ii. Output of PING command (testing full connectivity):

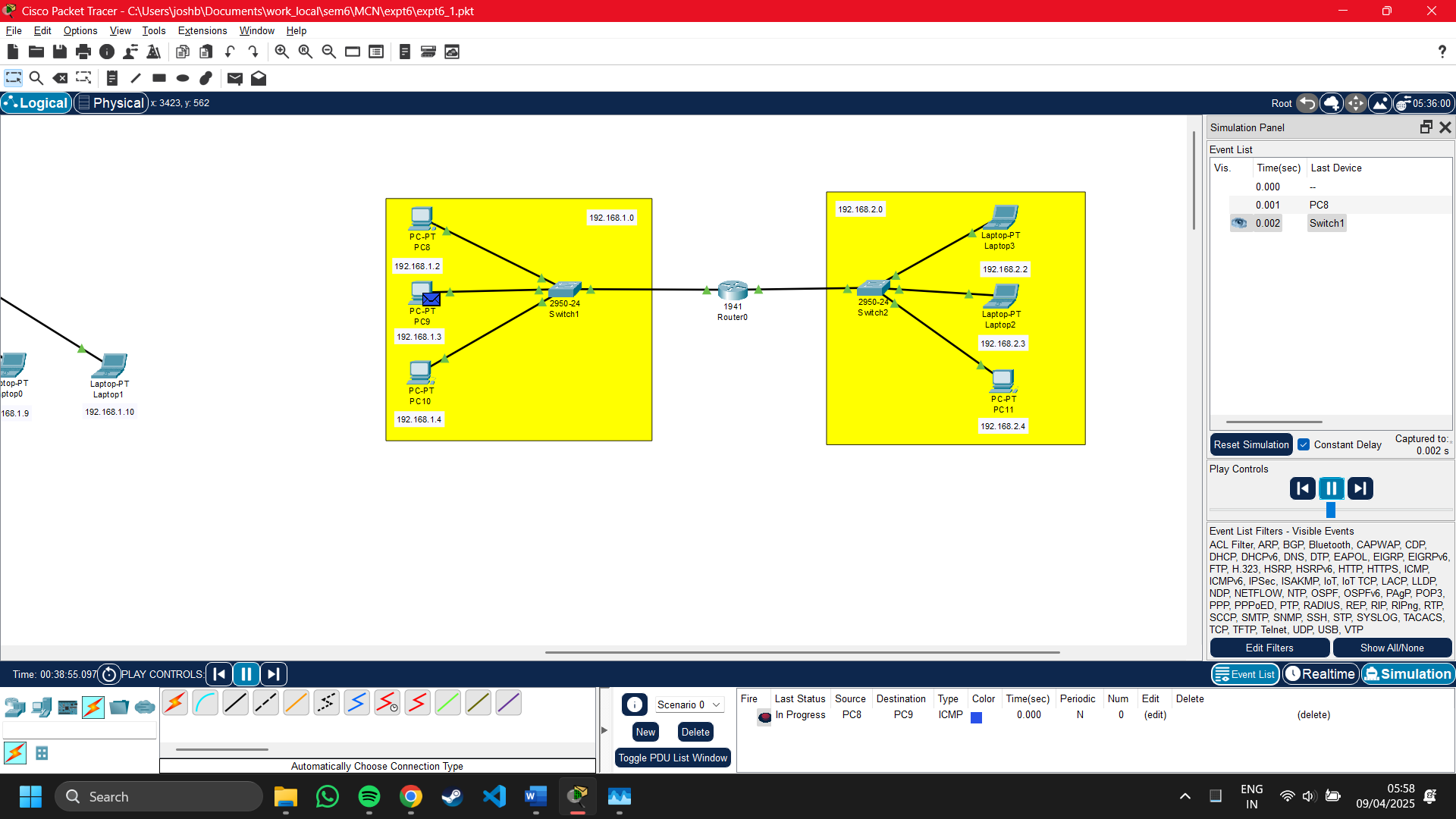


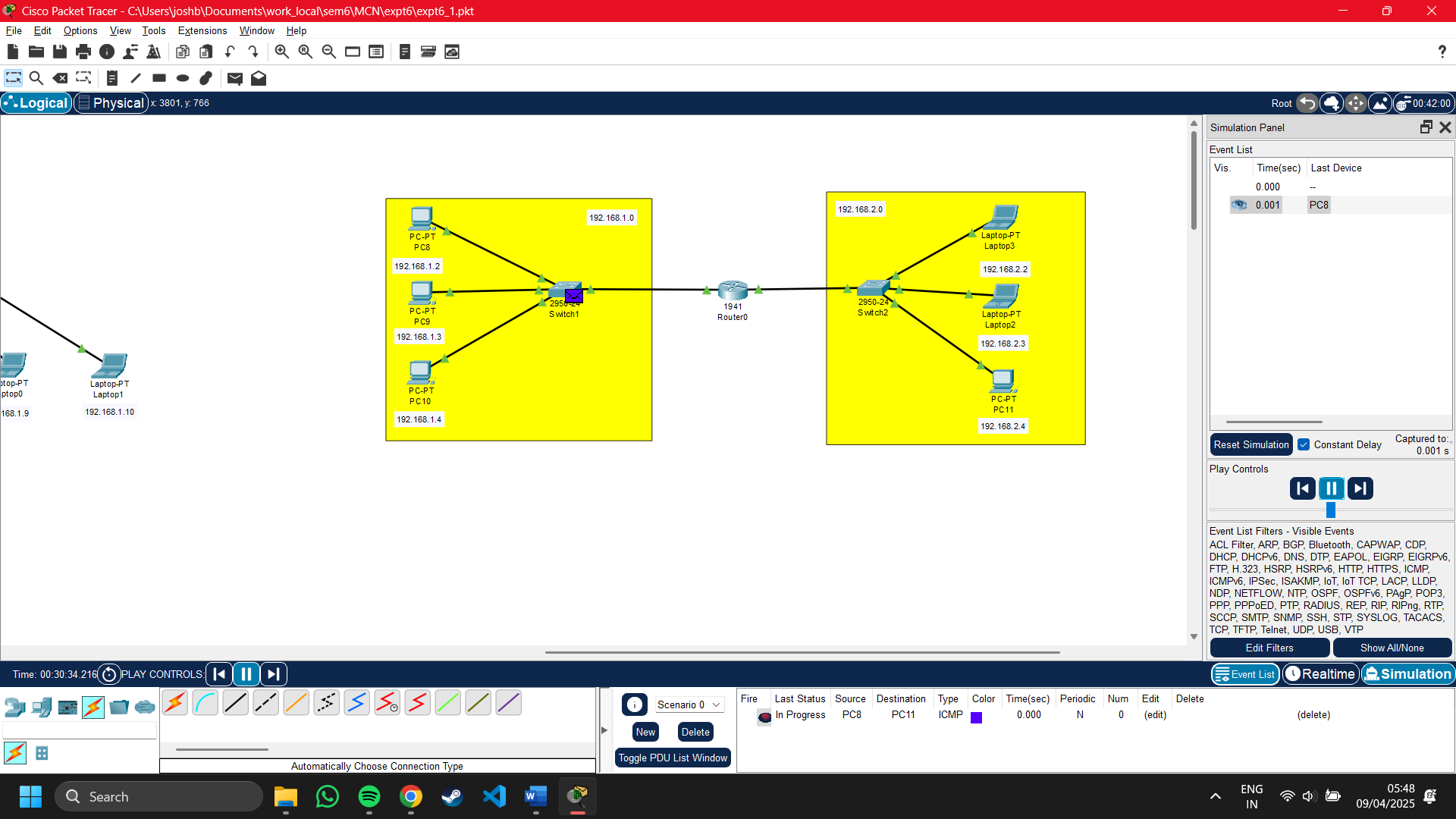
iii. Packet flow (simulation):

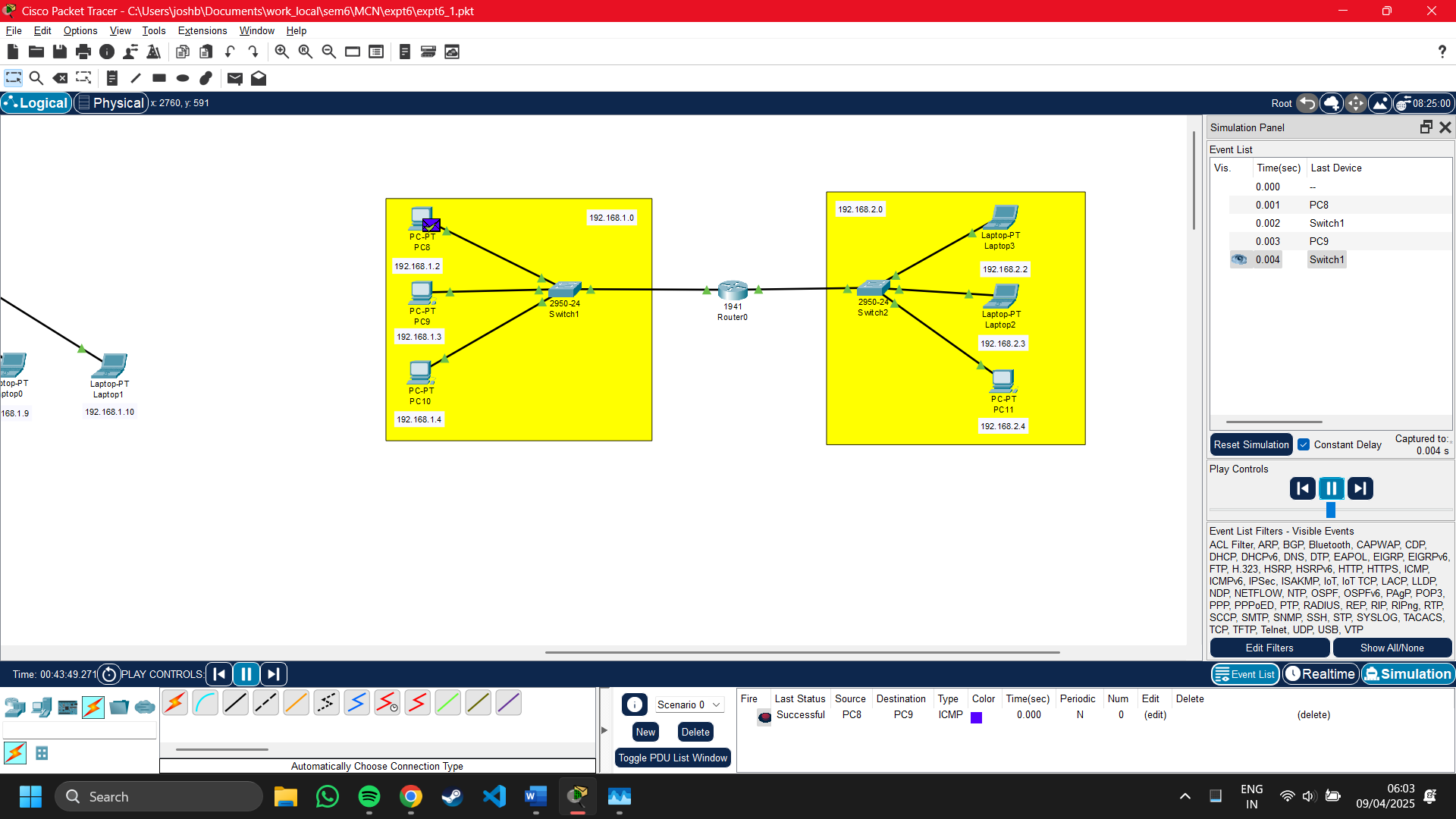
1. In the same network:



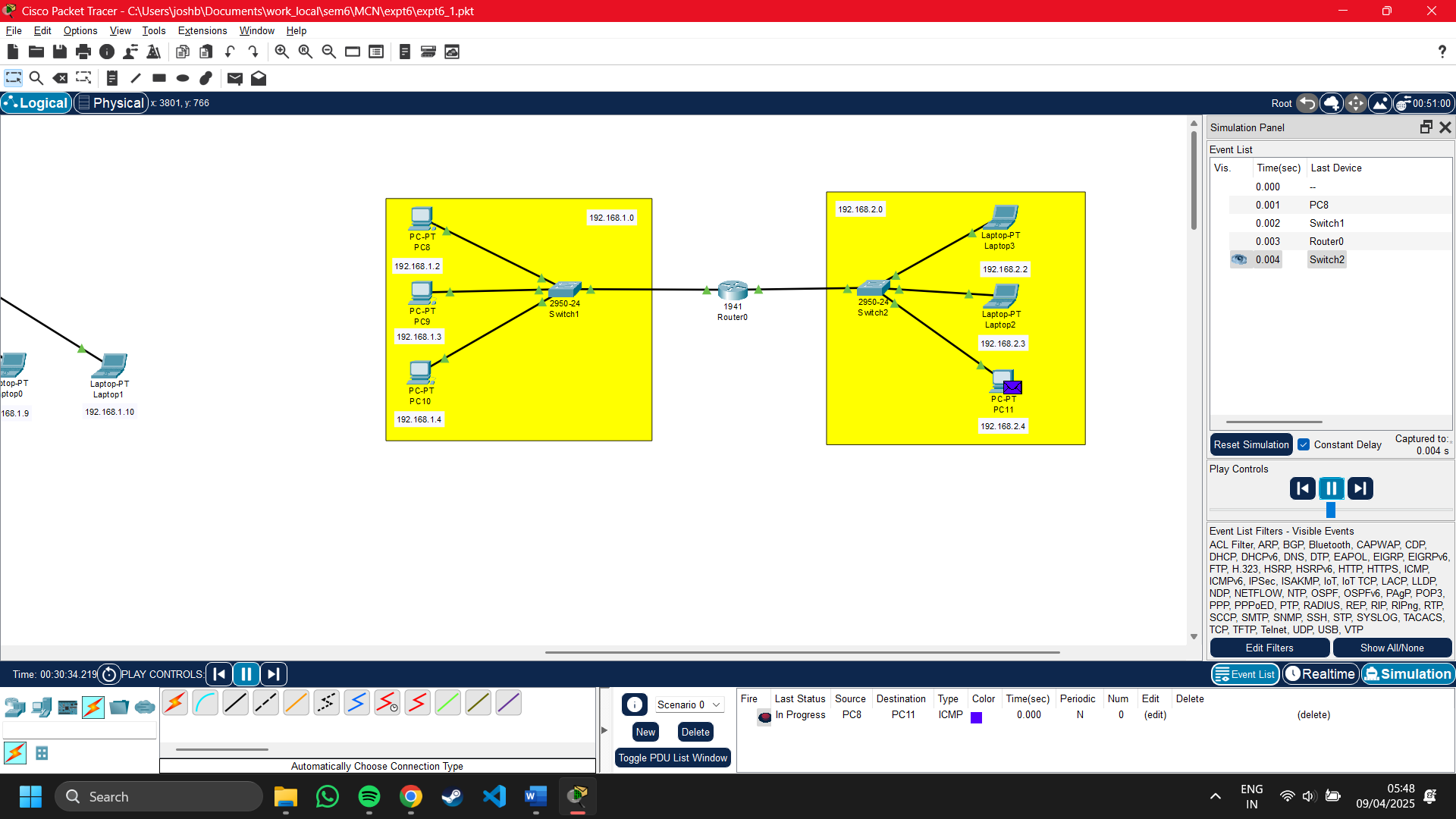
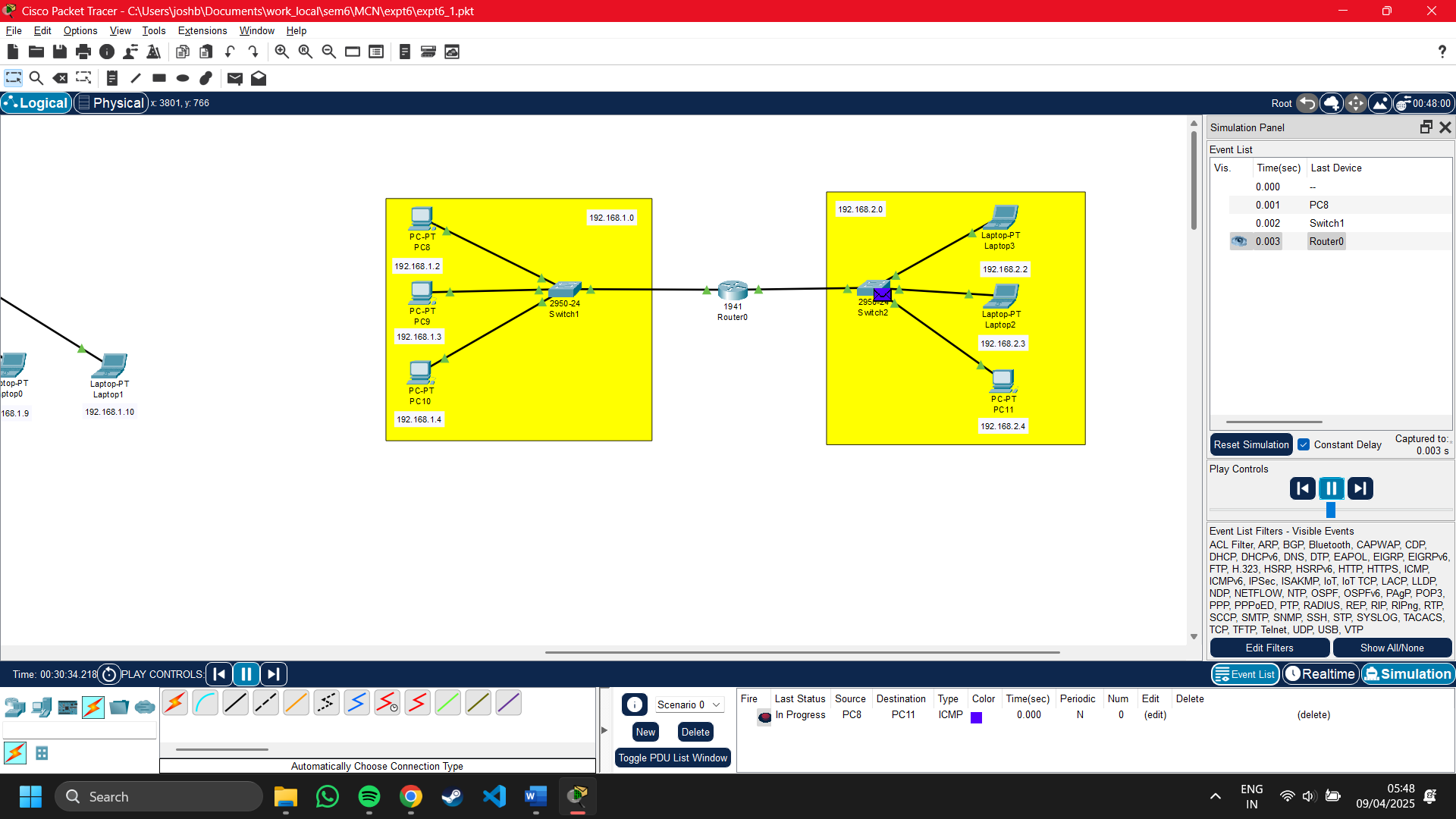
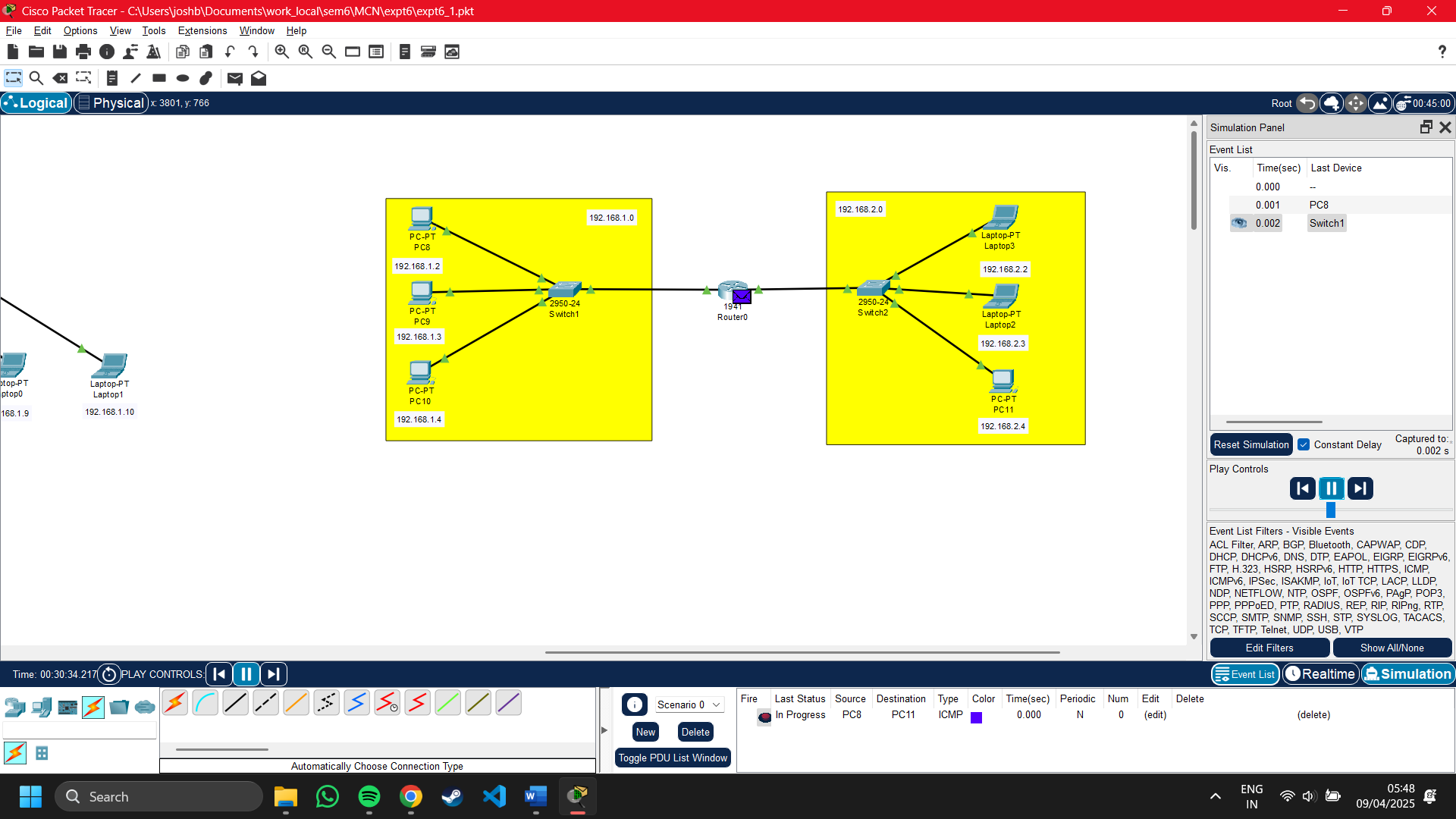
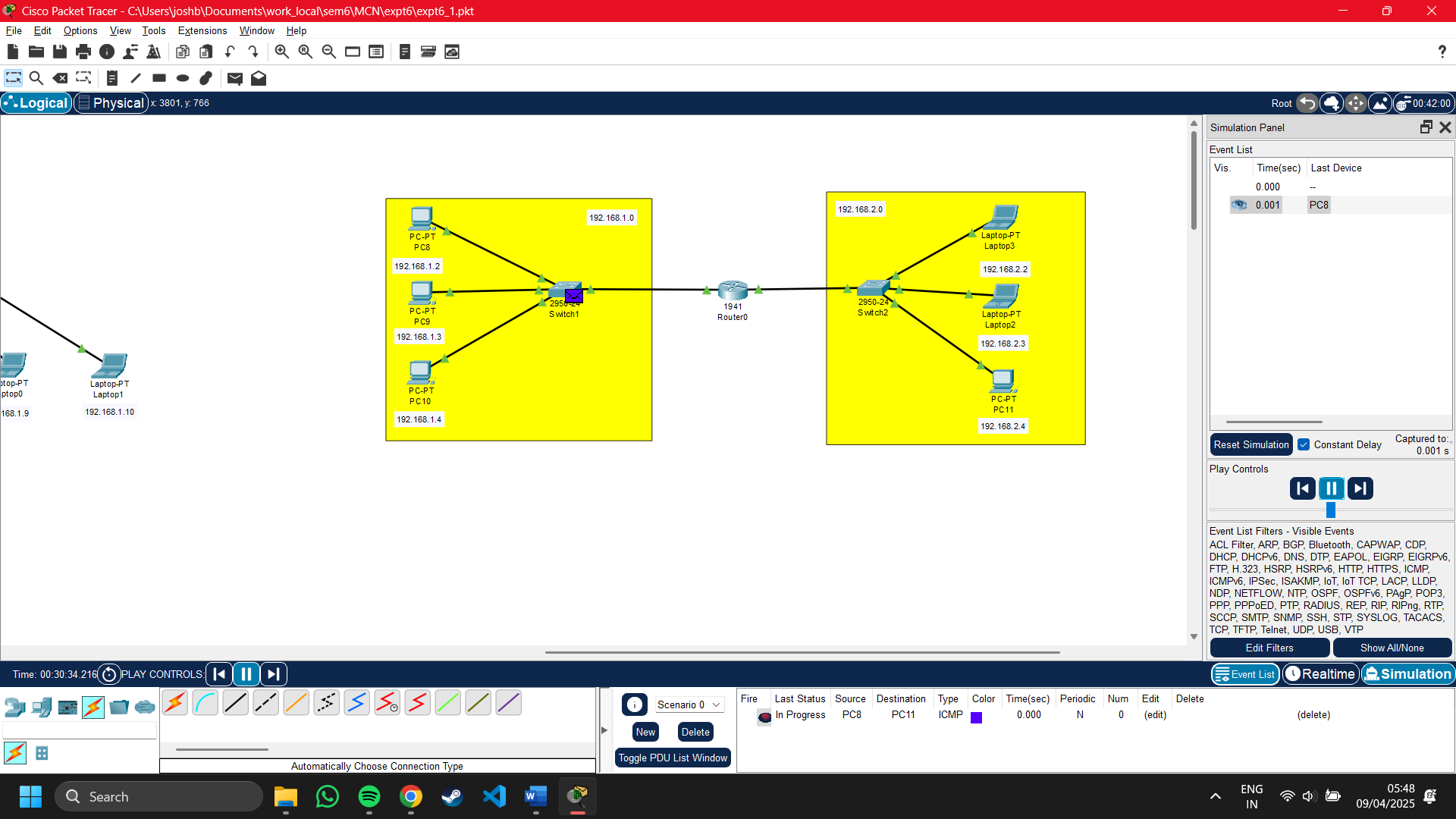
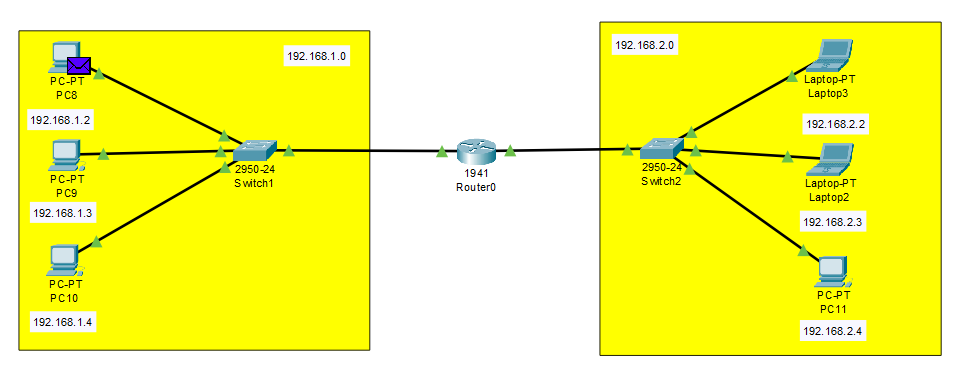


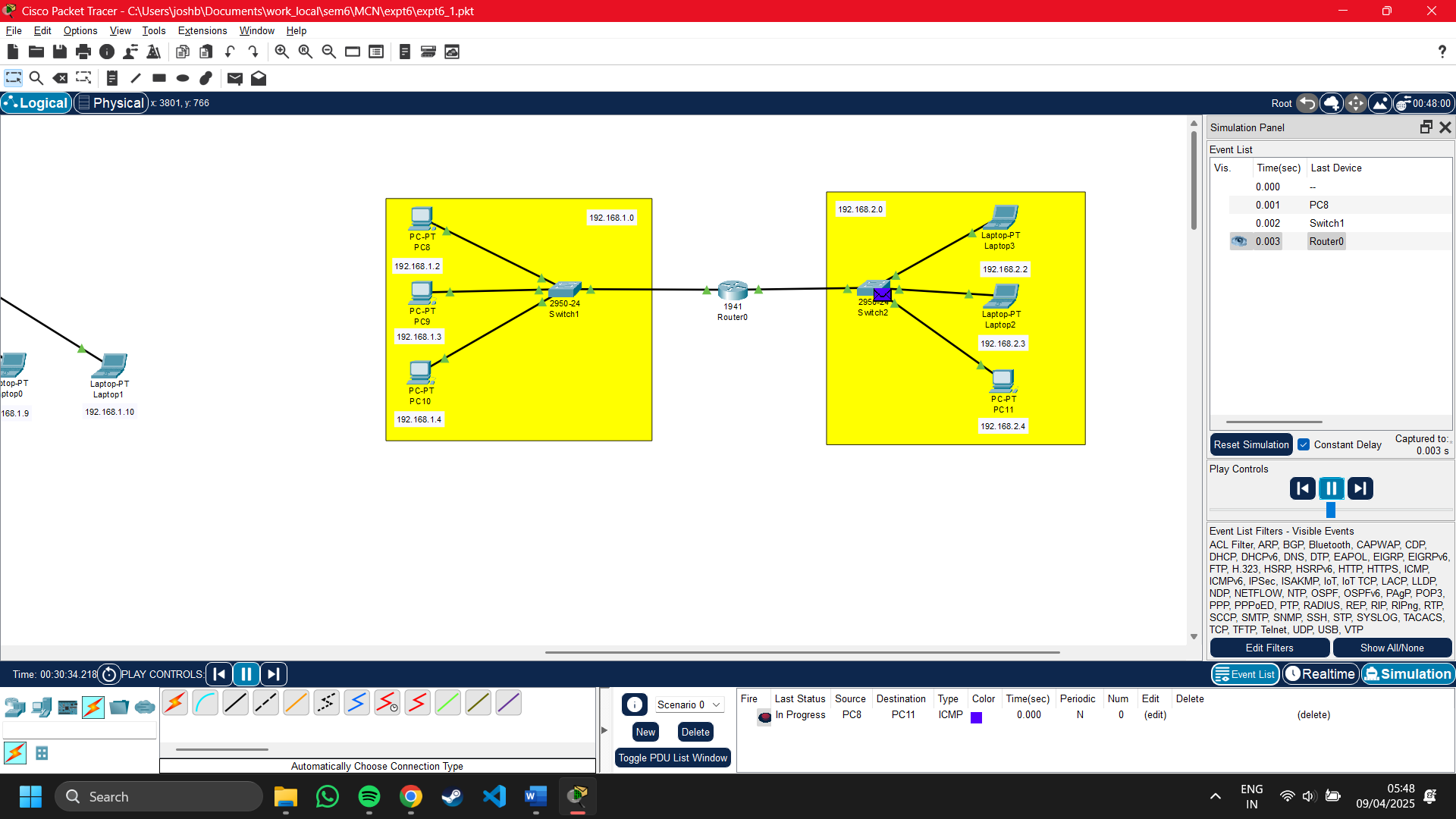


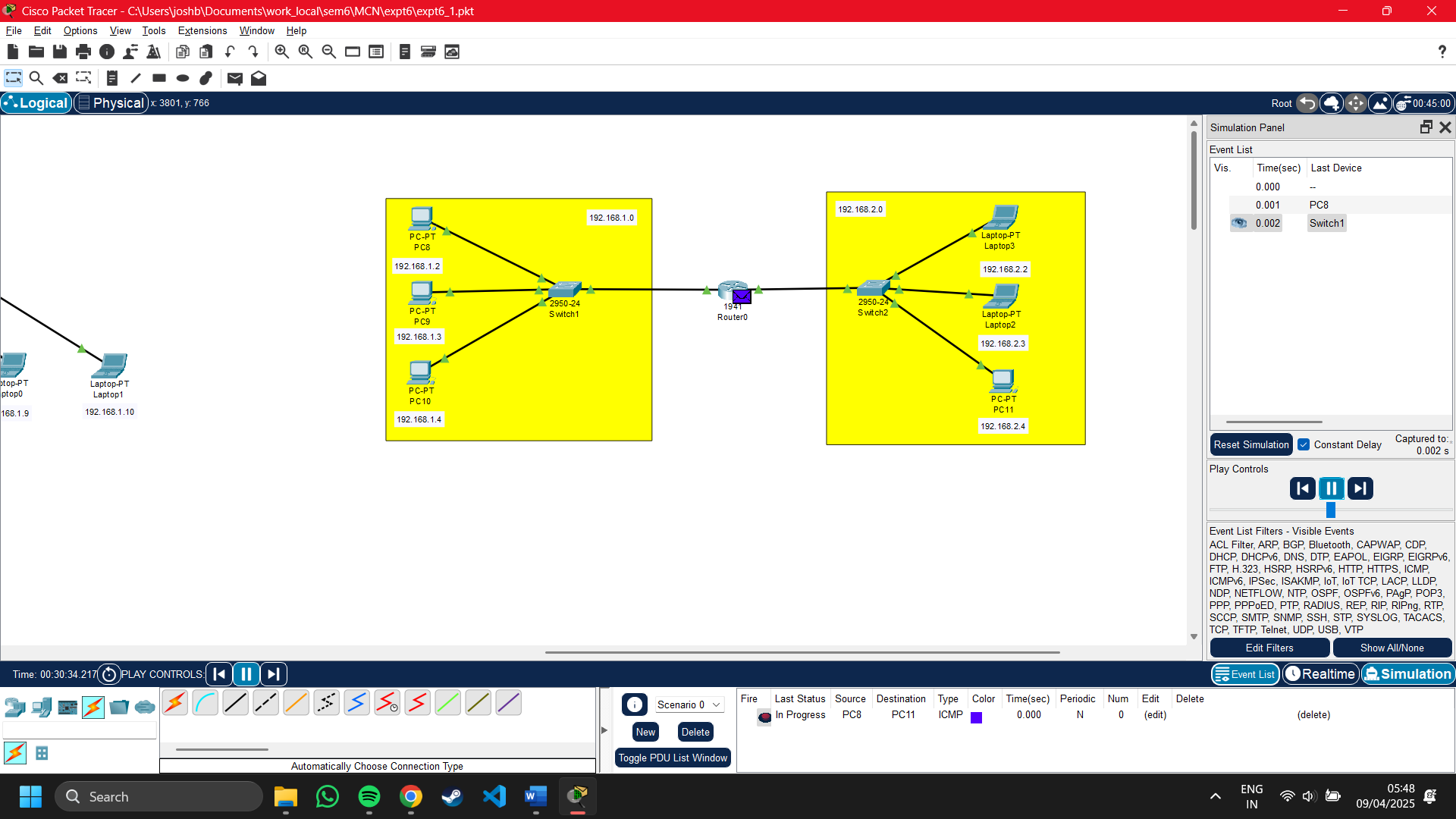


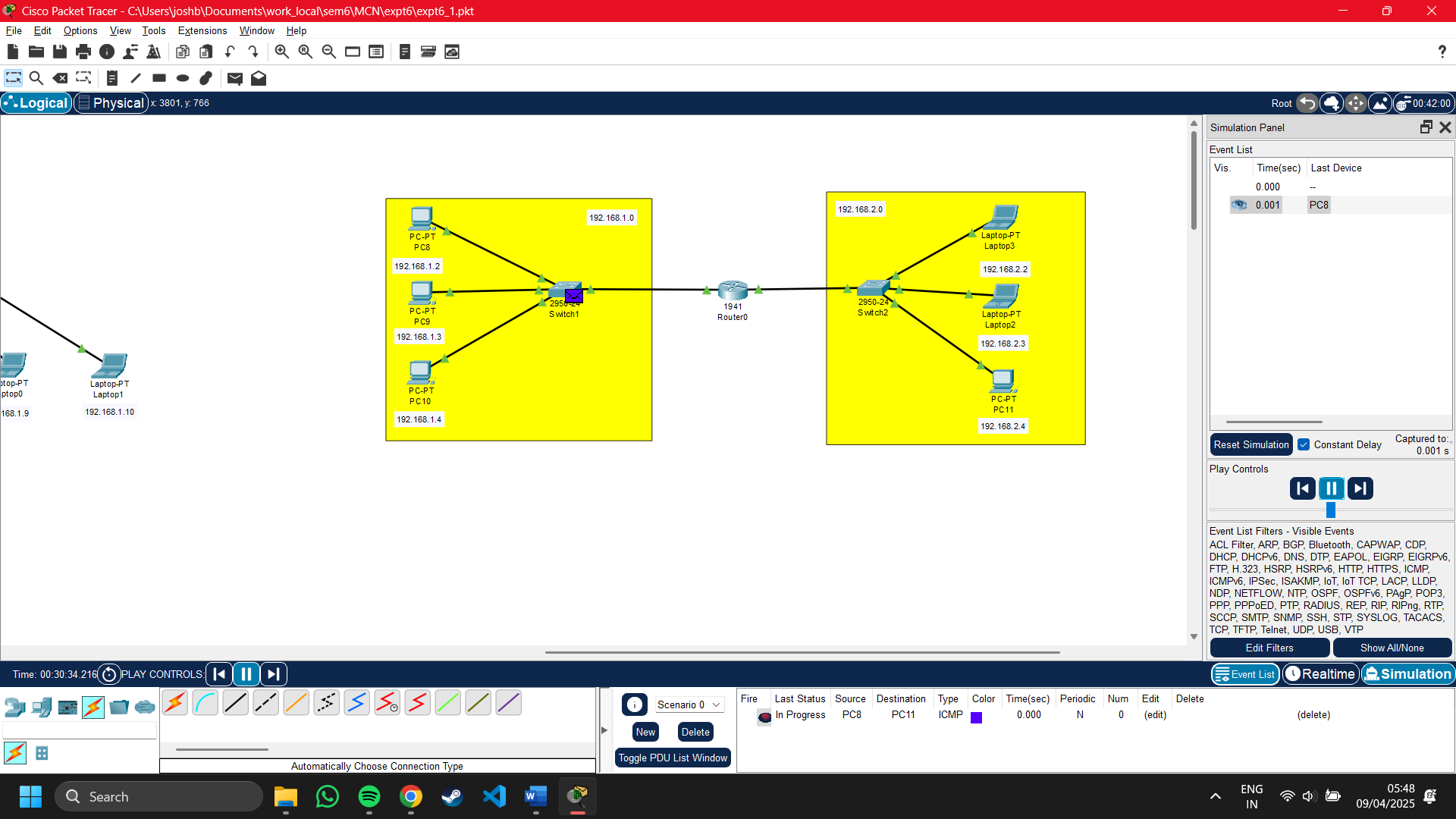


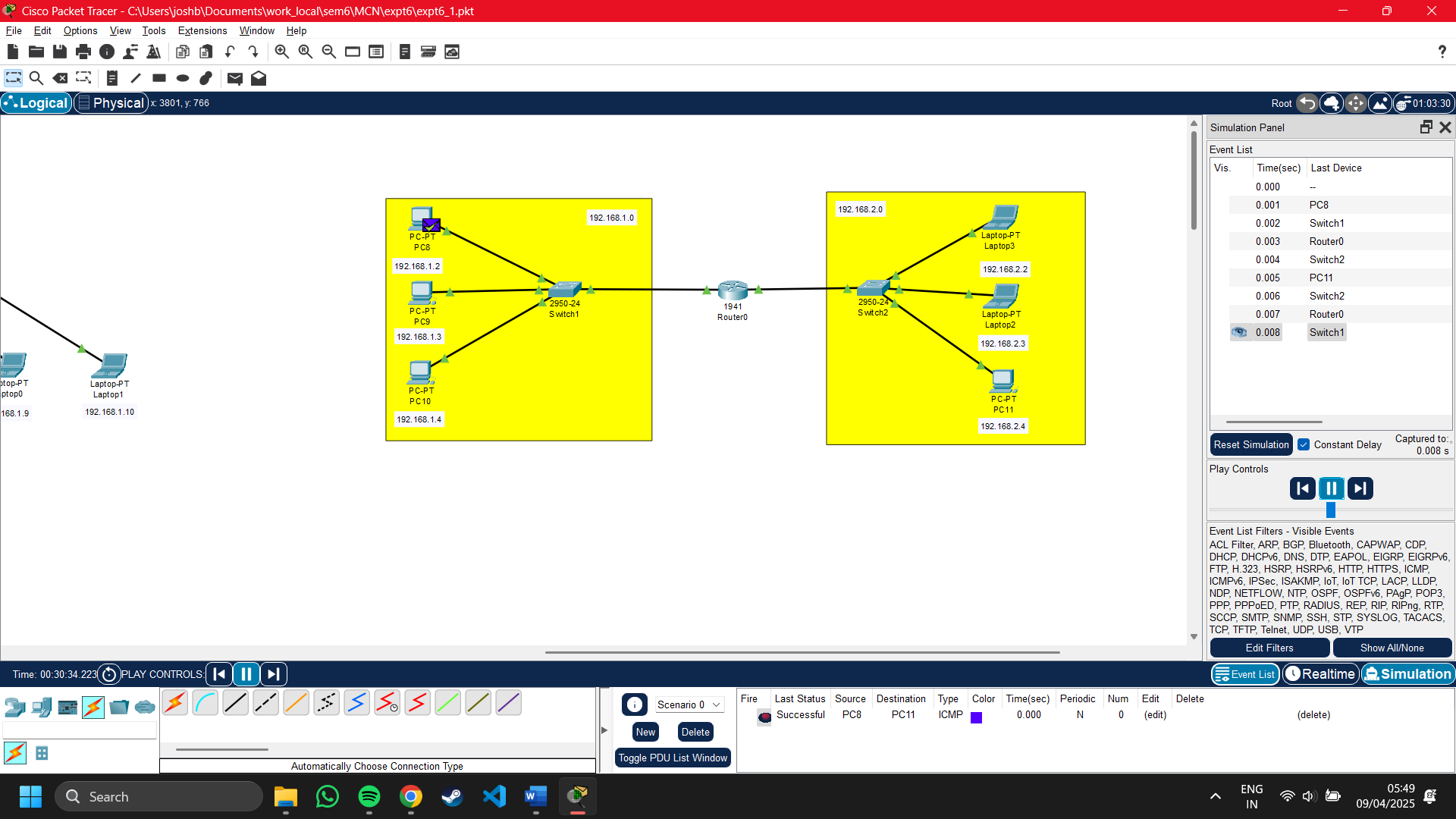
1. In different networks:











Conclusion: A network topology was configured, and machines were pinged successfully using Packet tracer.