**6G.SAI MAHESH**

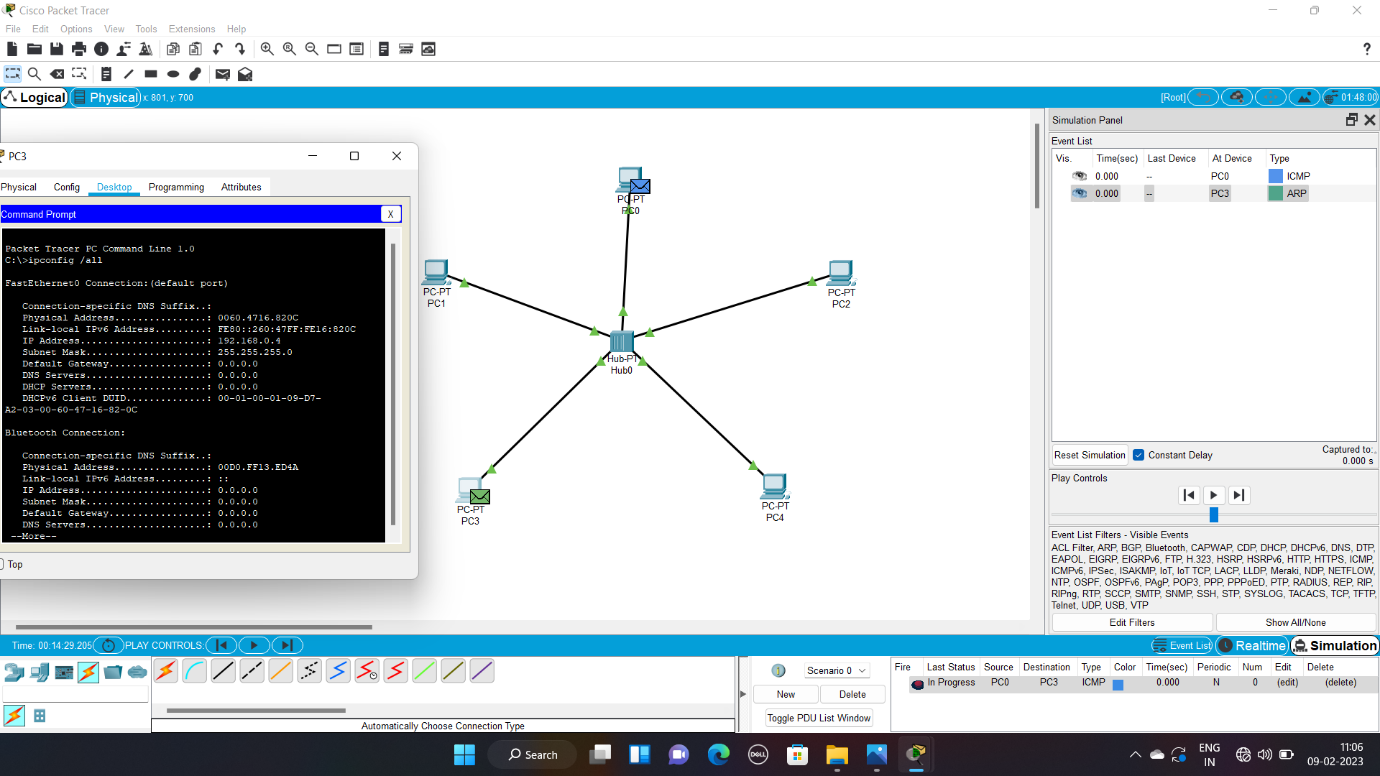
**192211122**

1. Configuration of Network Devices using Packet Tracer tools (Hub, Switch, Ethernet, Broadcast)



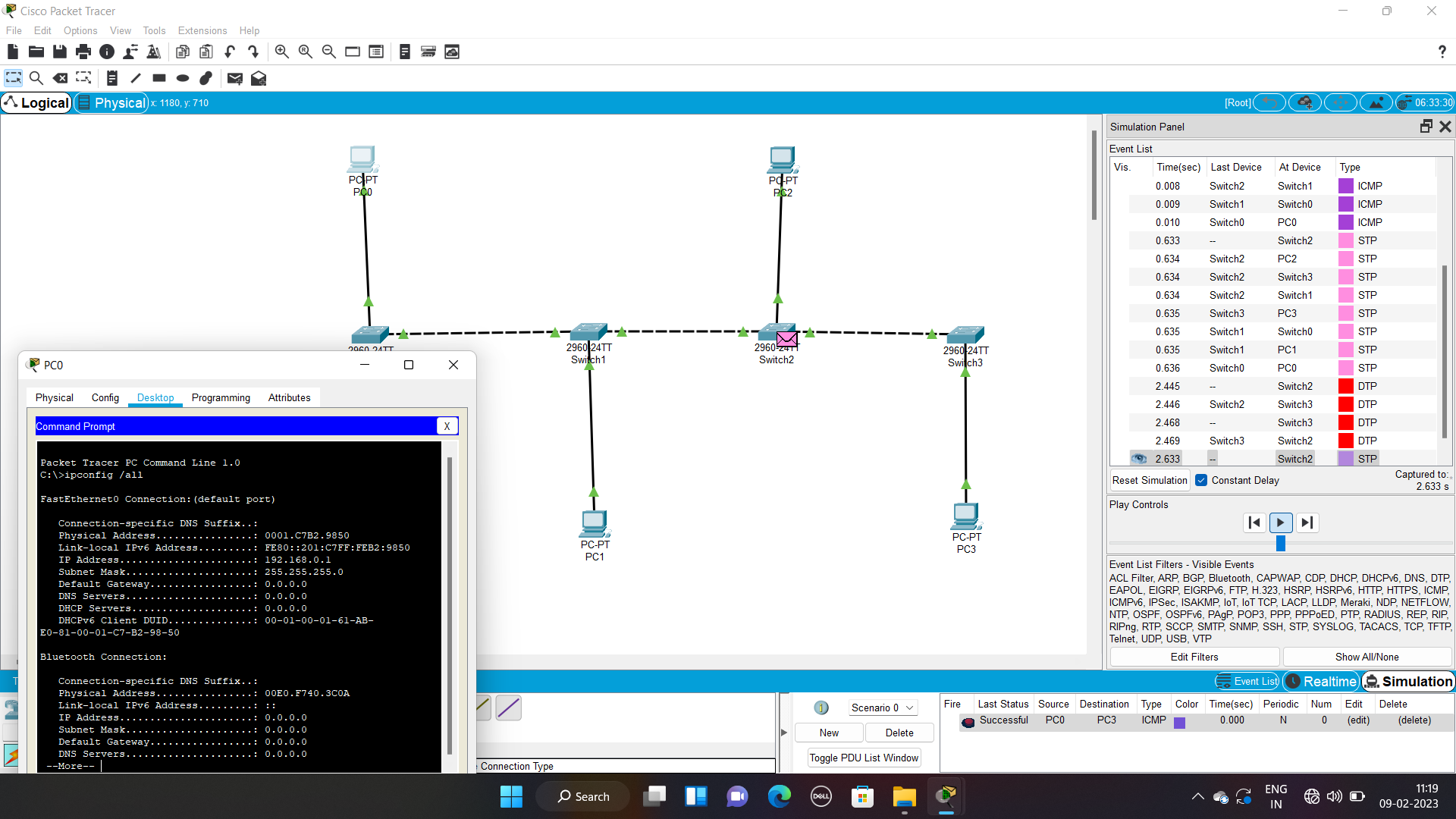
192211122

2. Design and Configuration of Star Topologies using Packet Tracer



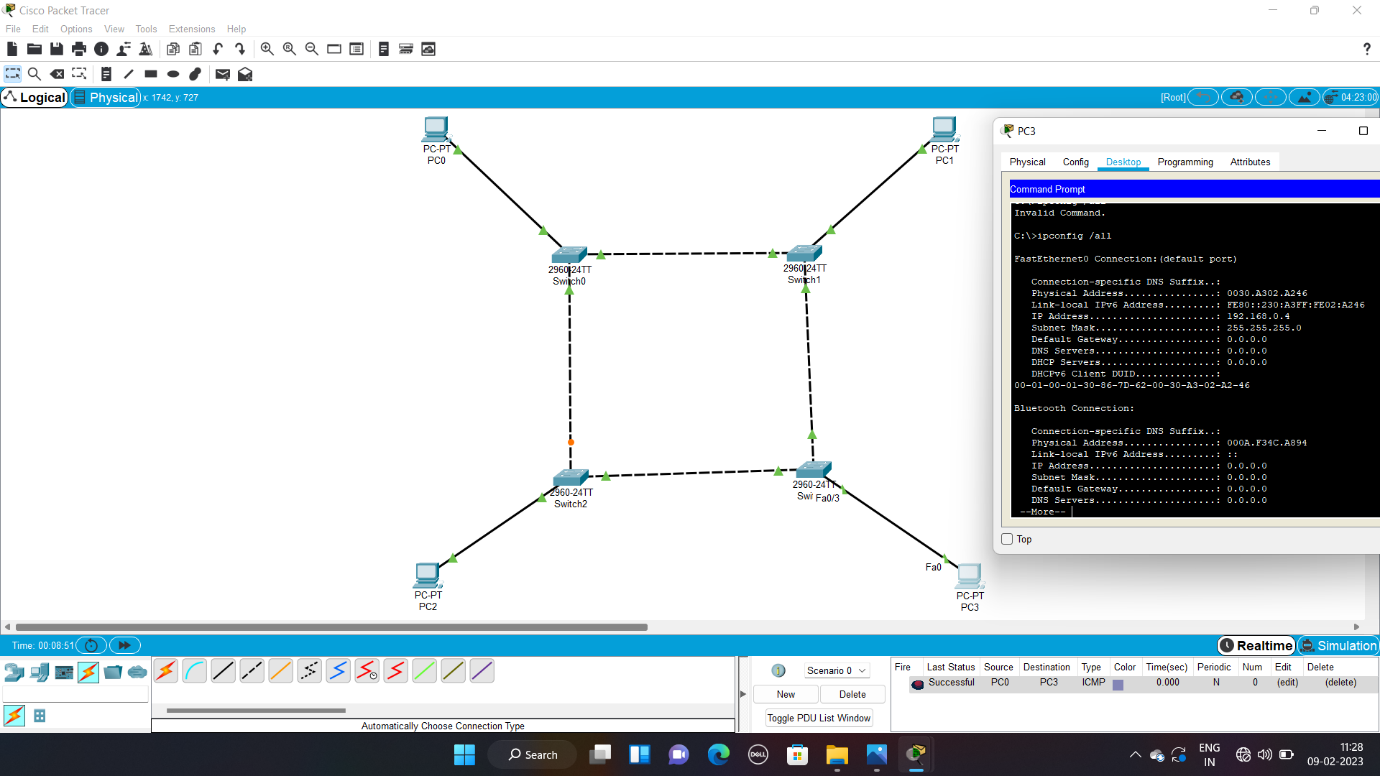
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3. Design and Configuration of BUS Topologies using Packet Tracer



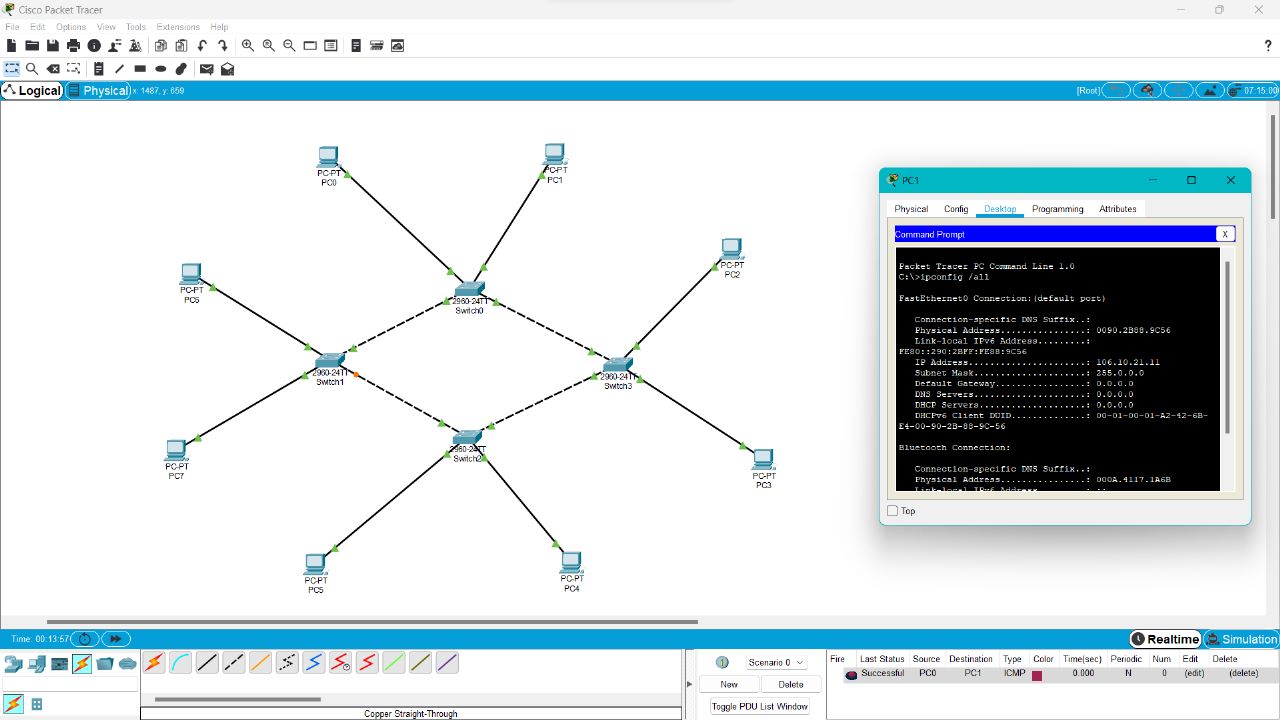
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4. Design and Configuration of RING Topologies using Packet Tracer



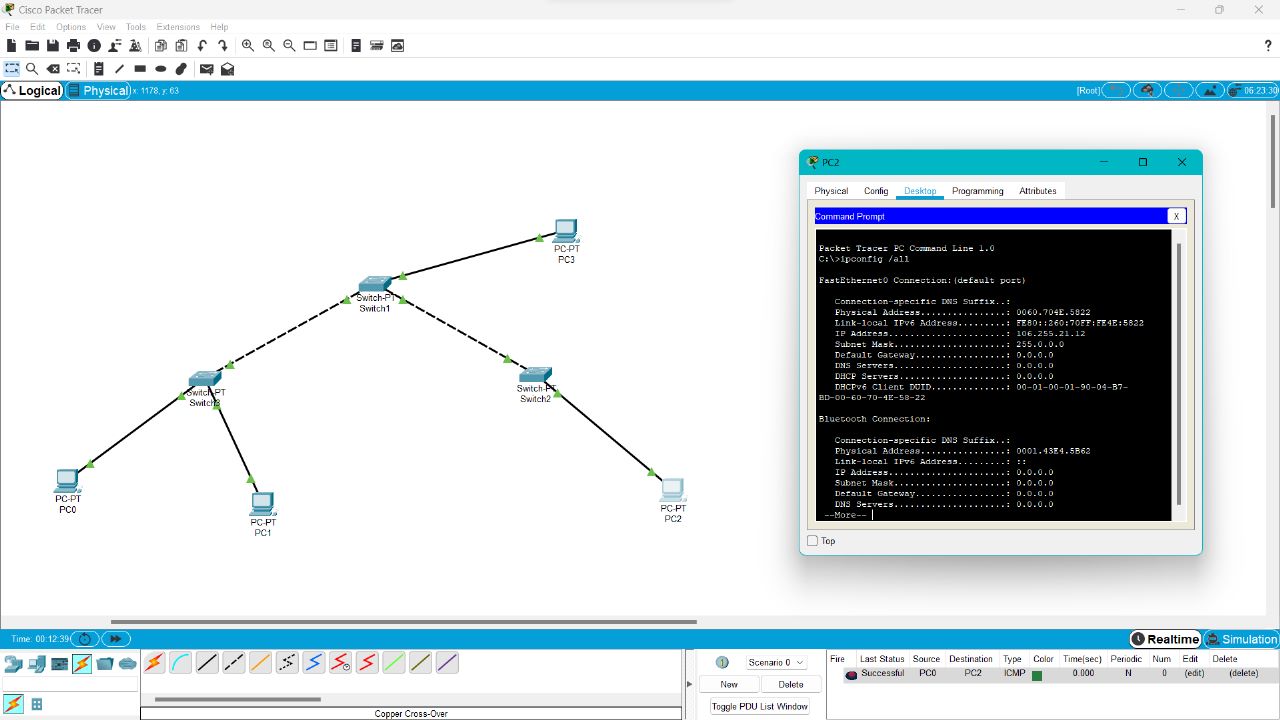
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5. Design and Configuration of Mesh Topologies using Packet Tracer



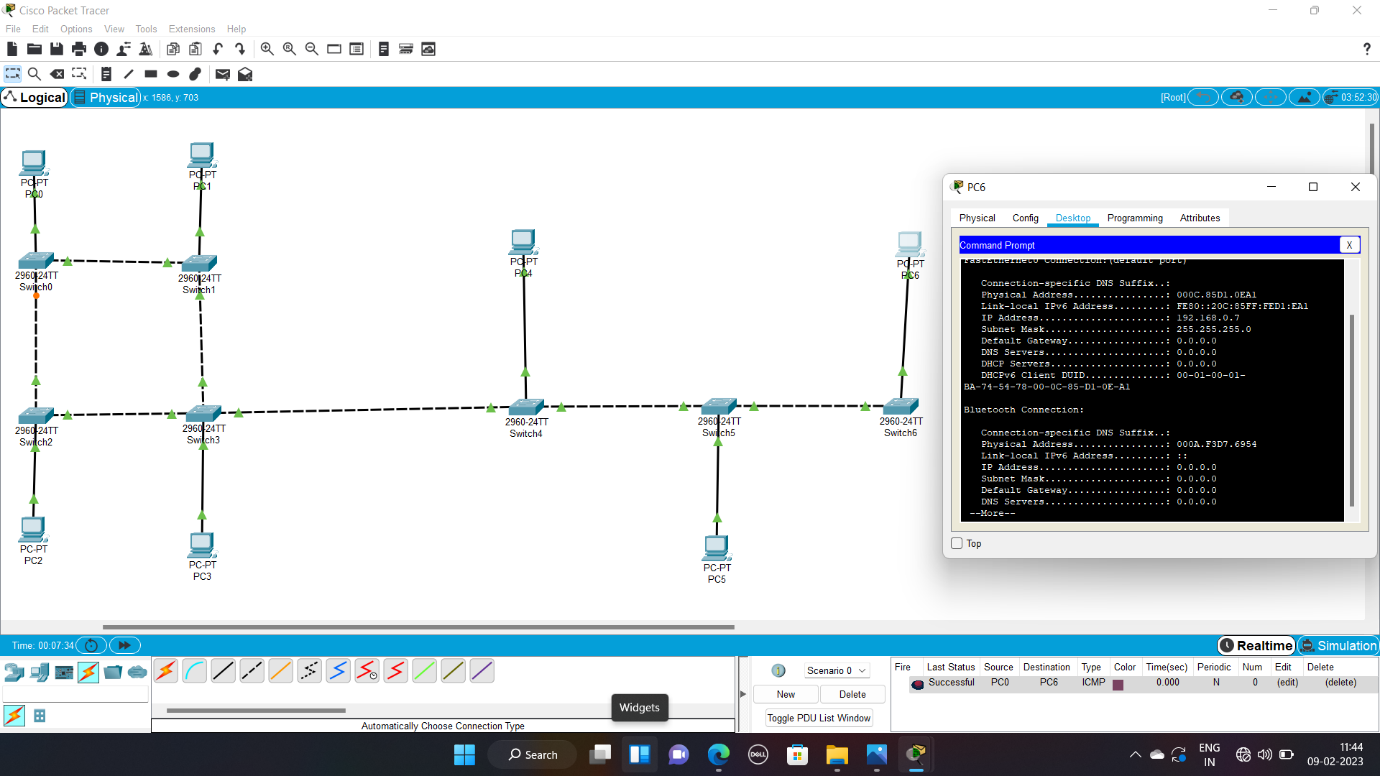
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6. Design and Configuration of Tree Topologies using Packet Tracer



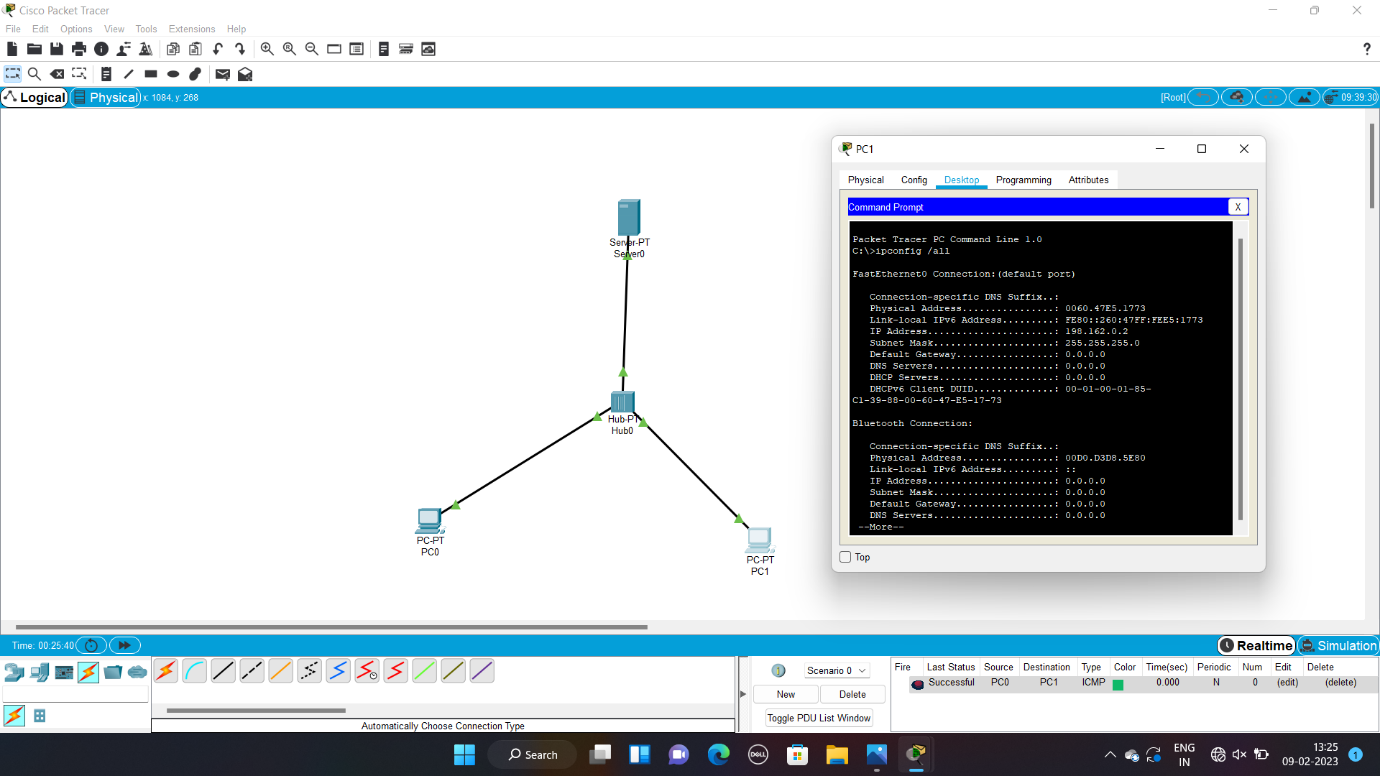
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7. Design and Configuration of Hybrid Topologies using Packet Tracer



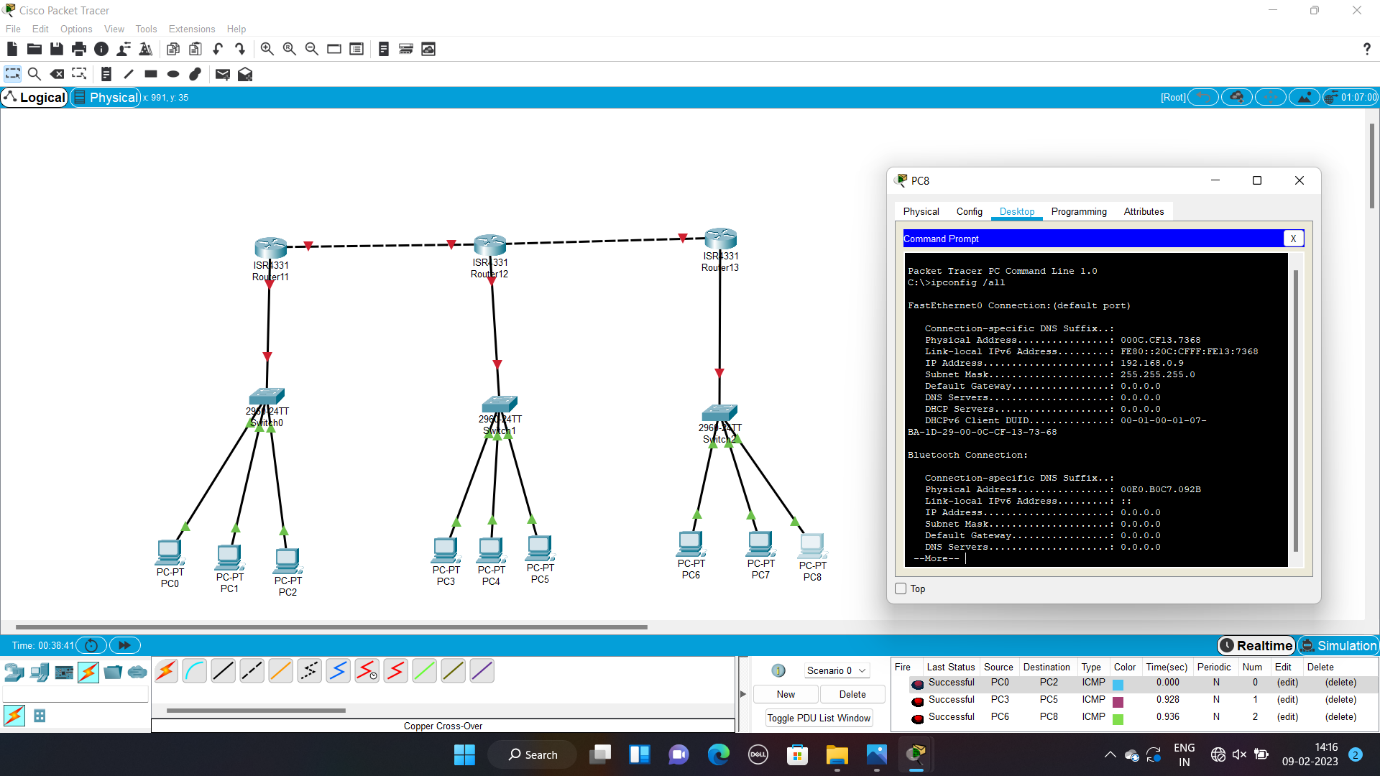
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8. Data Link Layer Traffic Simulation using Packet Tracer Analysis of ARP



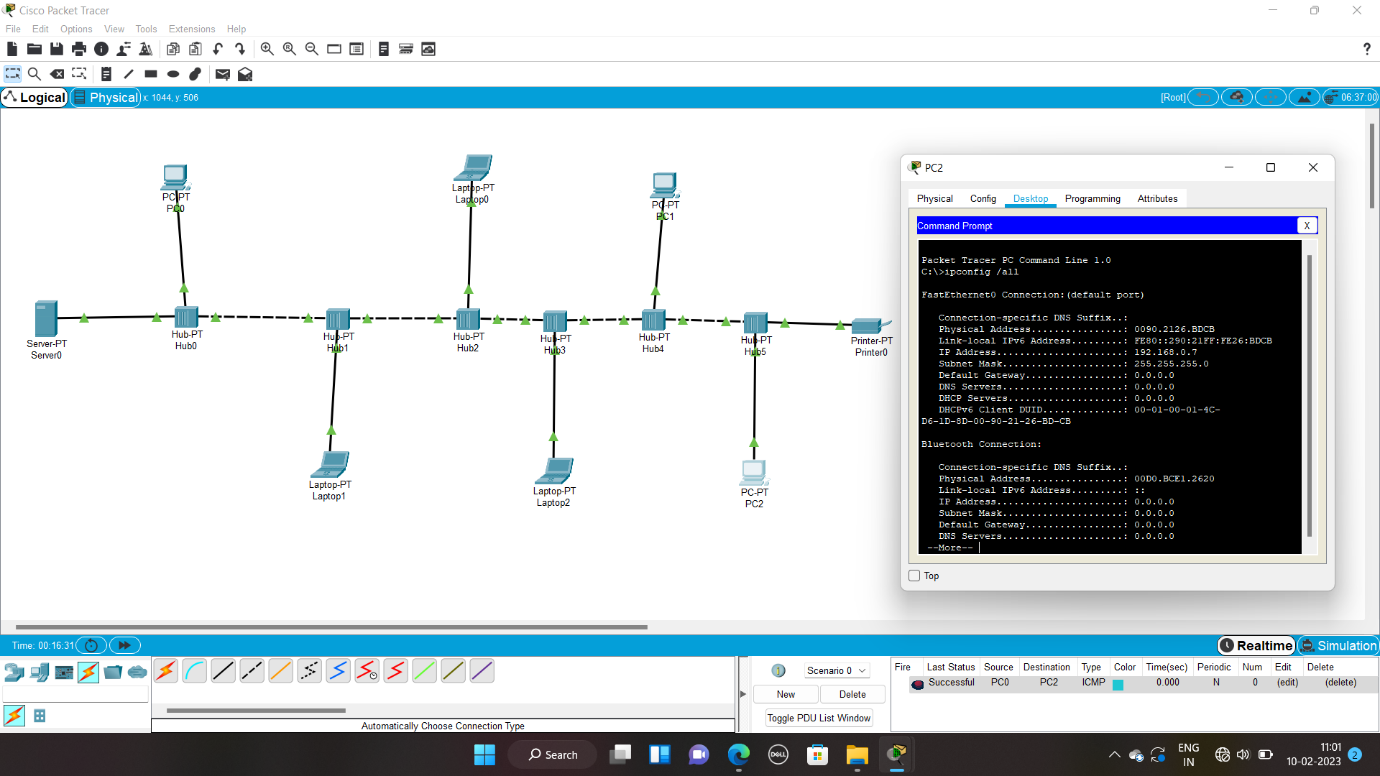
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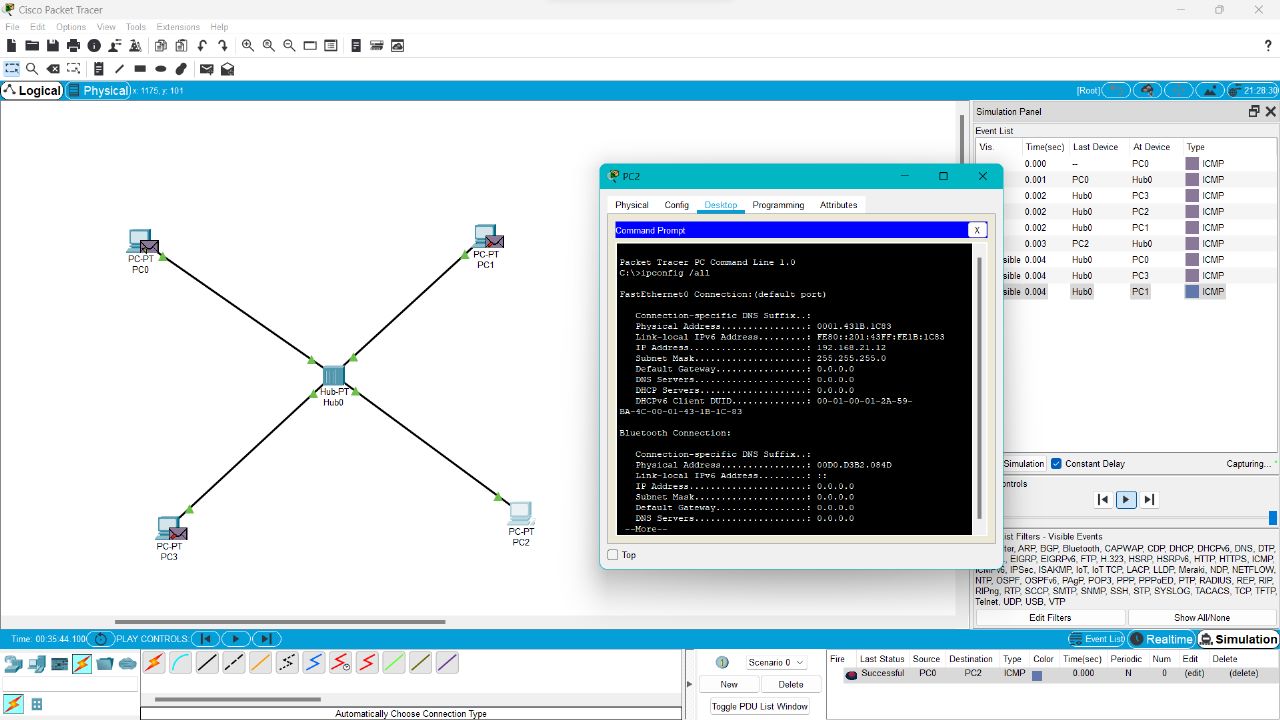
9. Data Link Layer Traffic Simulation using Packet Tracer Analysis of LLDP



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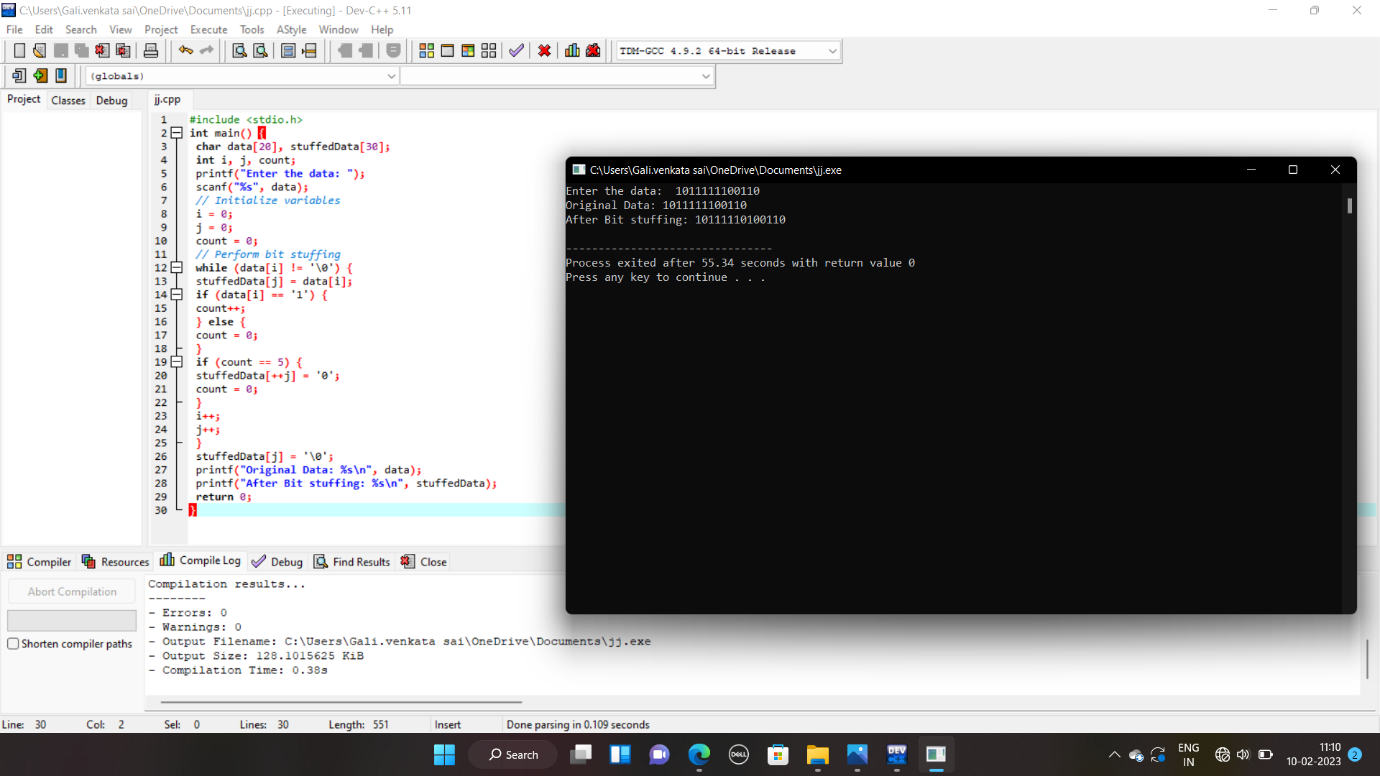
10. Data Link Layer Traffic Simulation using Packet Tracer Analysis of CSMA/CD & CSMA/CA





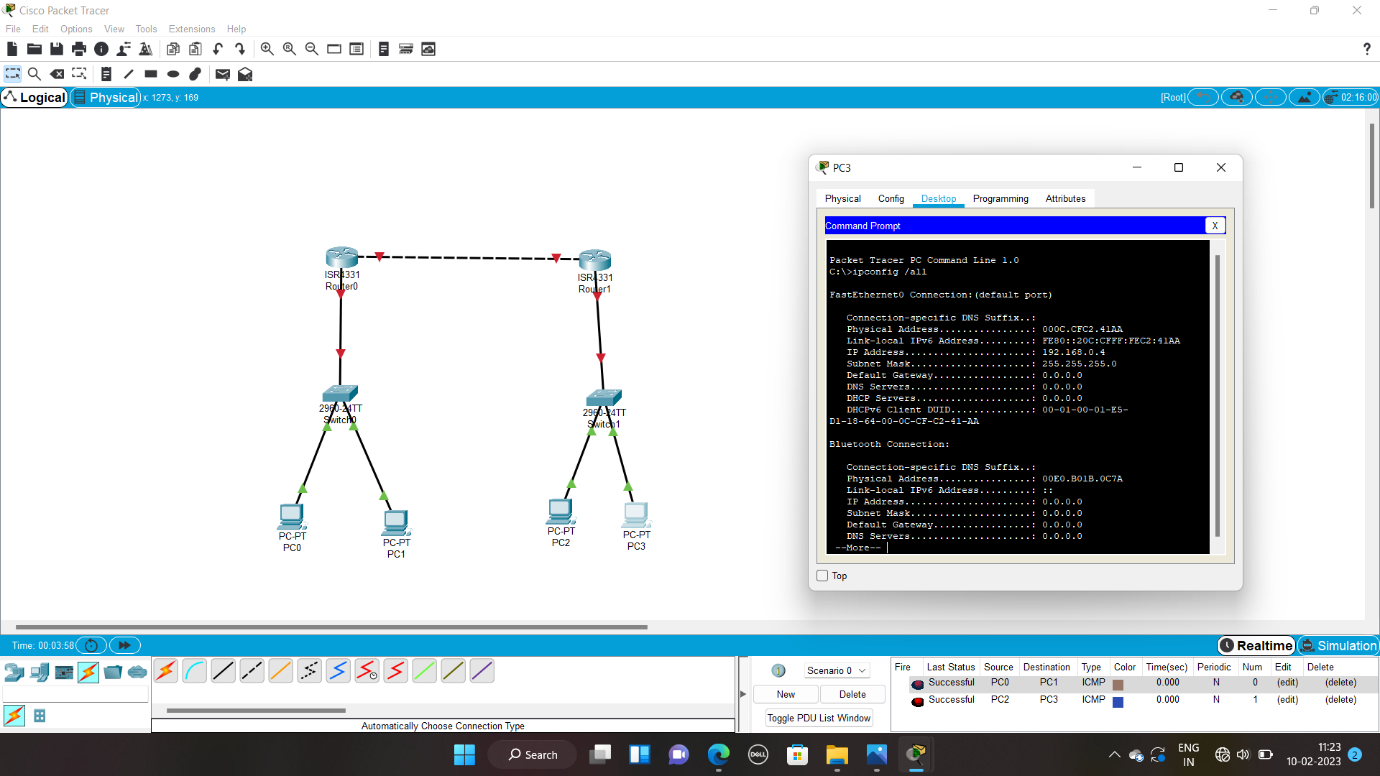
192211122

11. Implementation of Bit stuffing mechanism using C



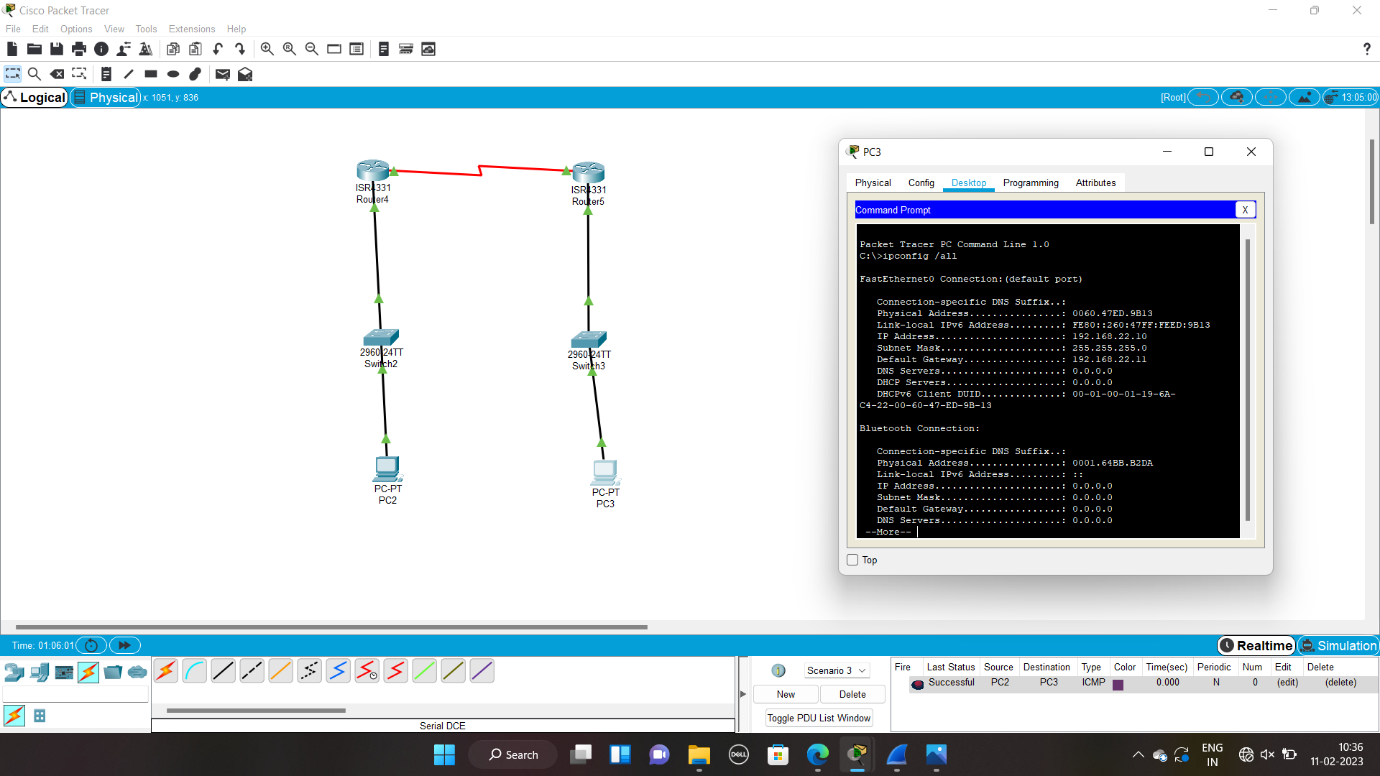
192211122

12. To design the two different network with Static Routing techniques using Packet Tracer



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13. To design the Network with Dynamic Routing using Packet Tracer (Distance vector & OSPF)



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14. Design the Functionalities and Exploration of TCP using Packet Tracer



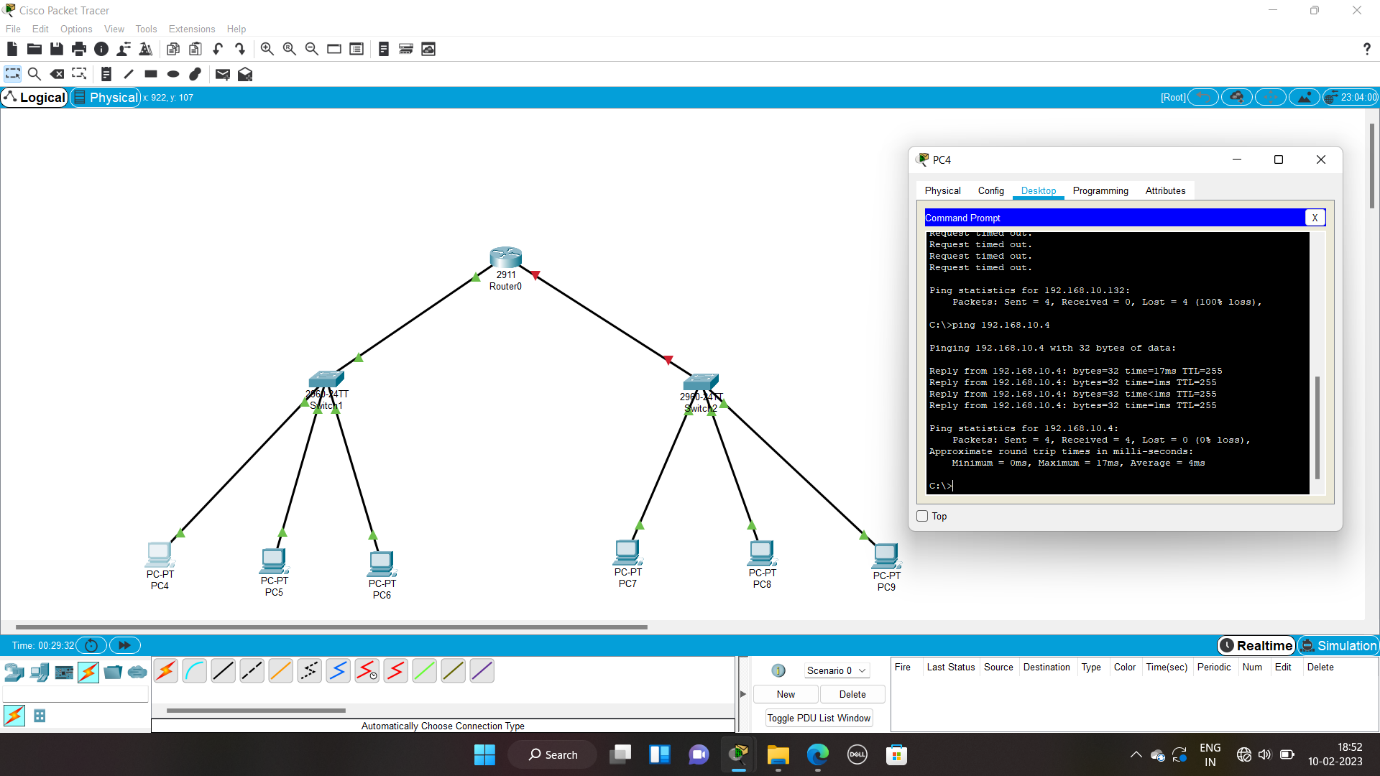
192211122

15. Design the Functionalities of Exploration UDP using Packet Tracer



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16. Design the network model for Subnetting – Class C Addressing using packet tracer



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17. Implementation of server – client using TCP socket programming



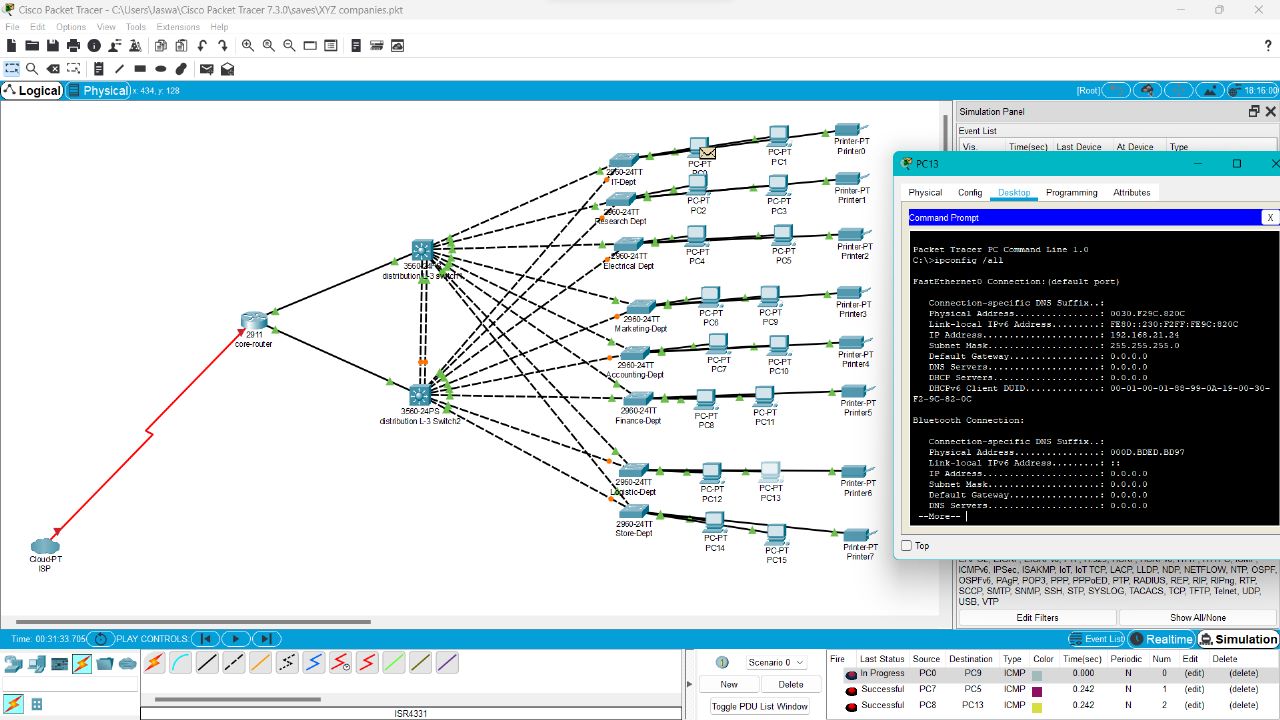
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18. Implementation of server – client using UDP socket programming



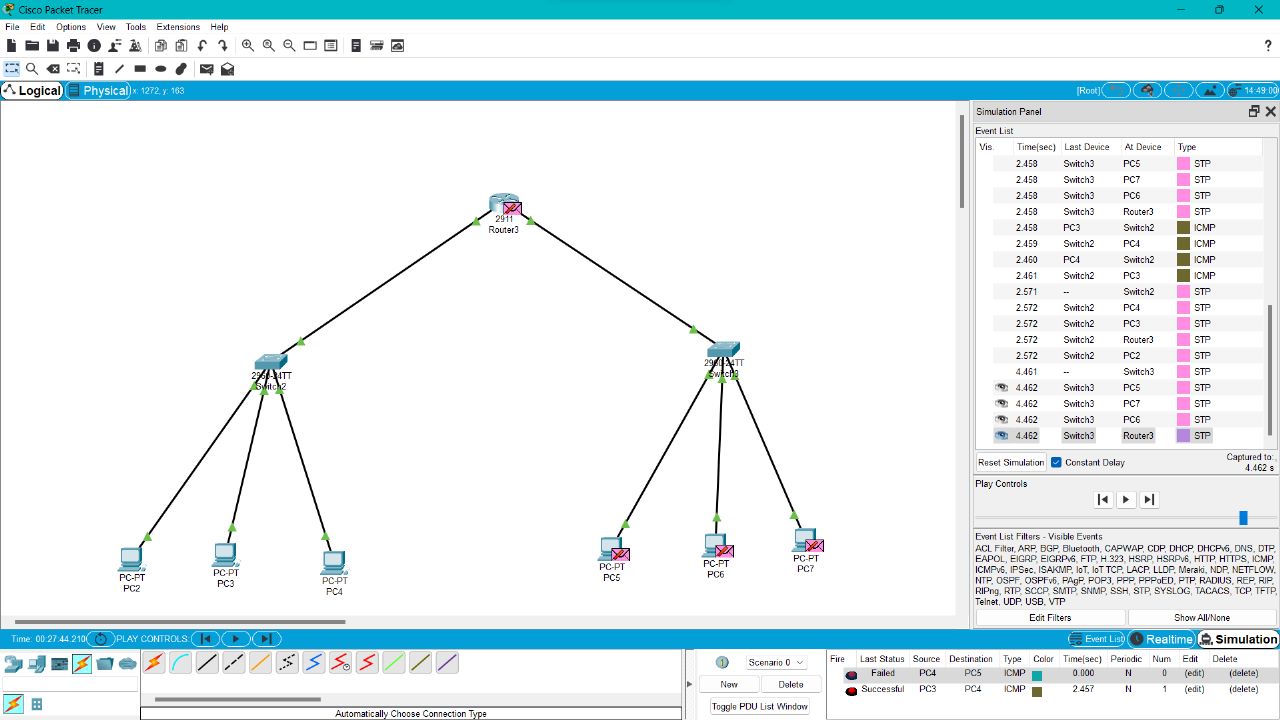
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19. Simulating X, Y, Z Company Network Design and simulate using Packet Tracer



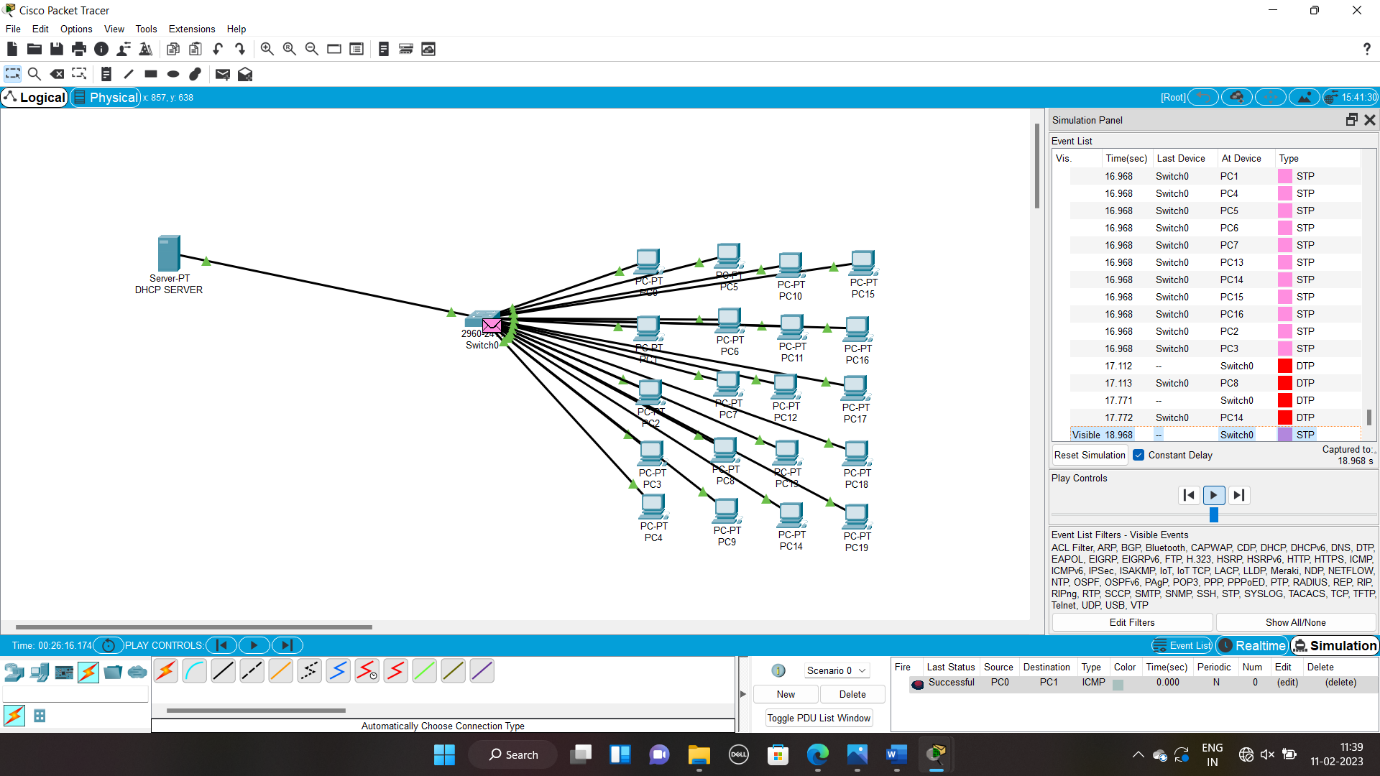
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20. Configuration of DHCP (dynamic host configuration protocol) in packet tracer

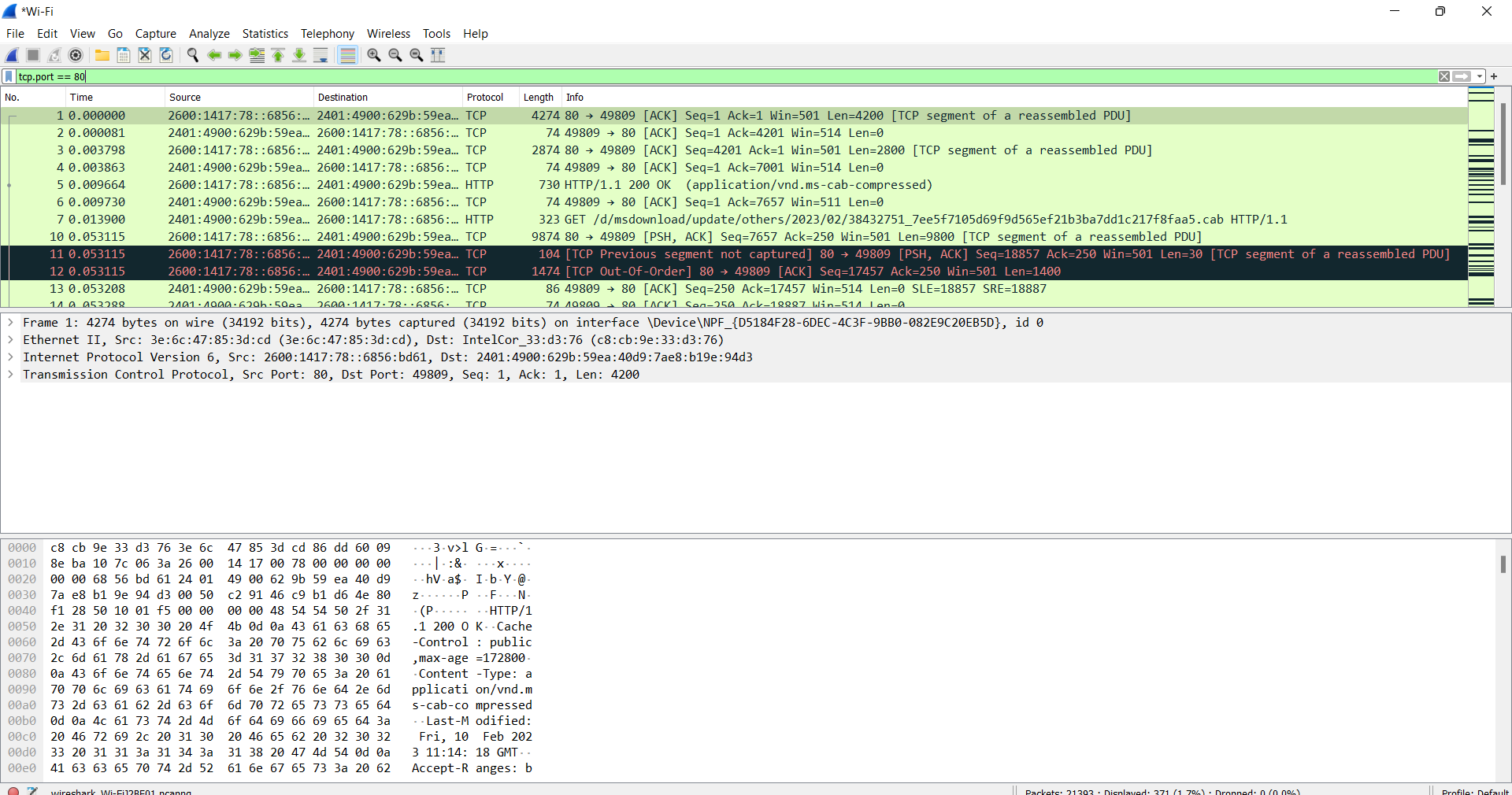


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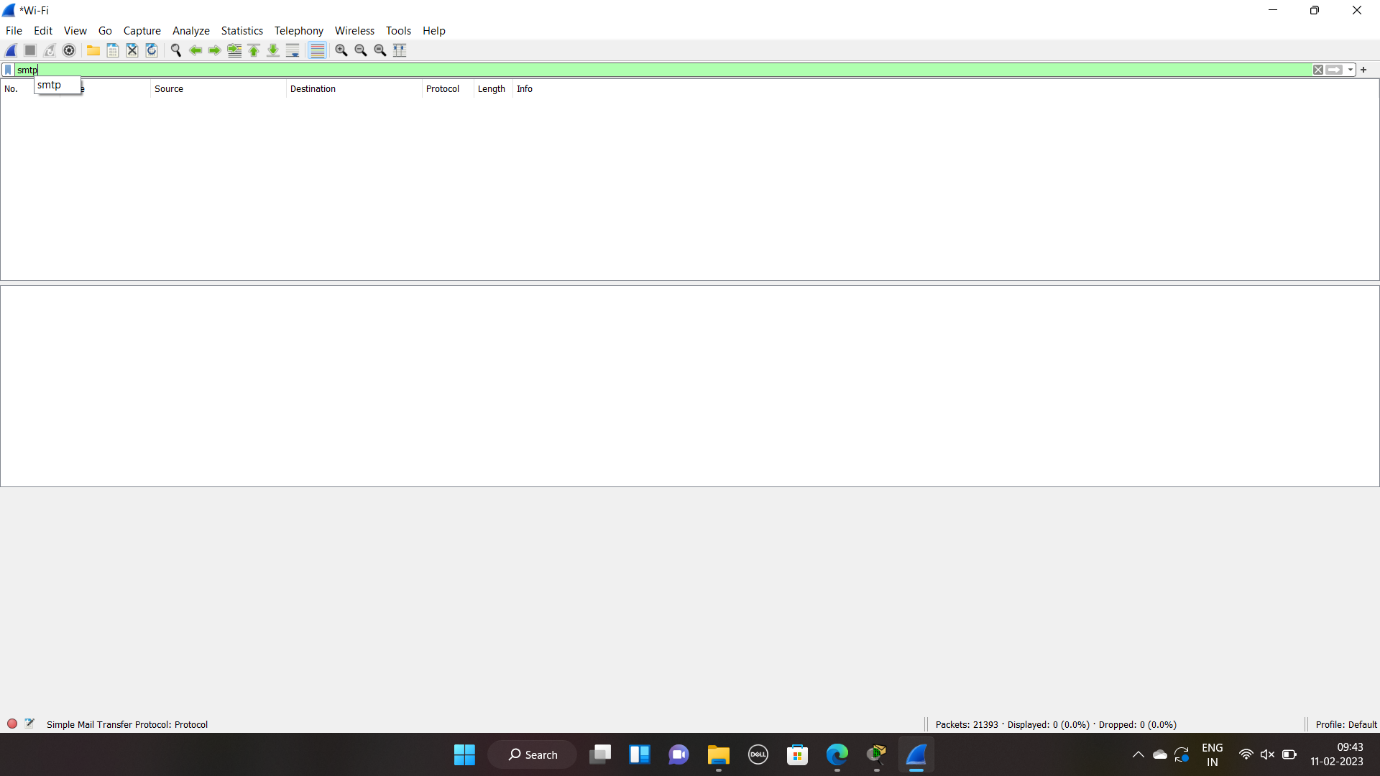
21.Make a Computer Lab to transfer a message from one node to another to design and simulate using Cisco Packet Tracer

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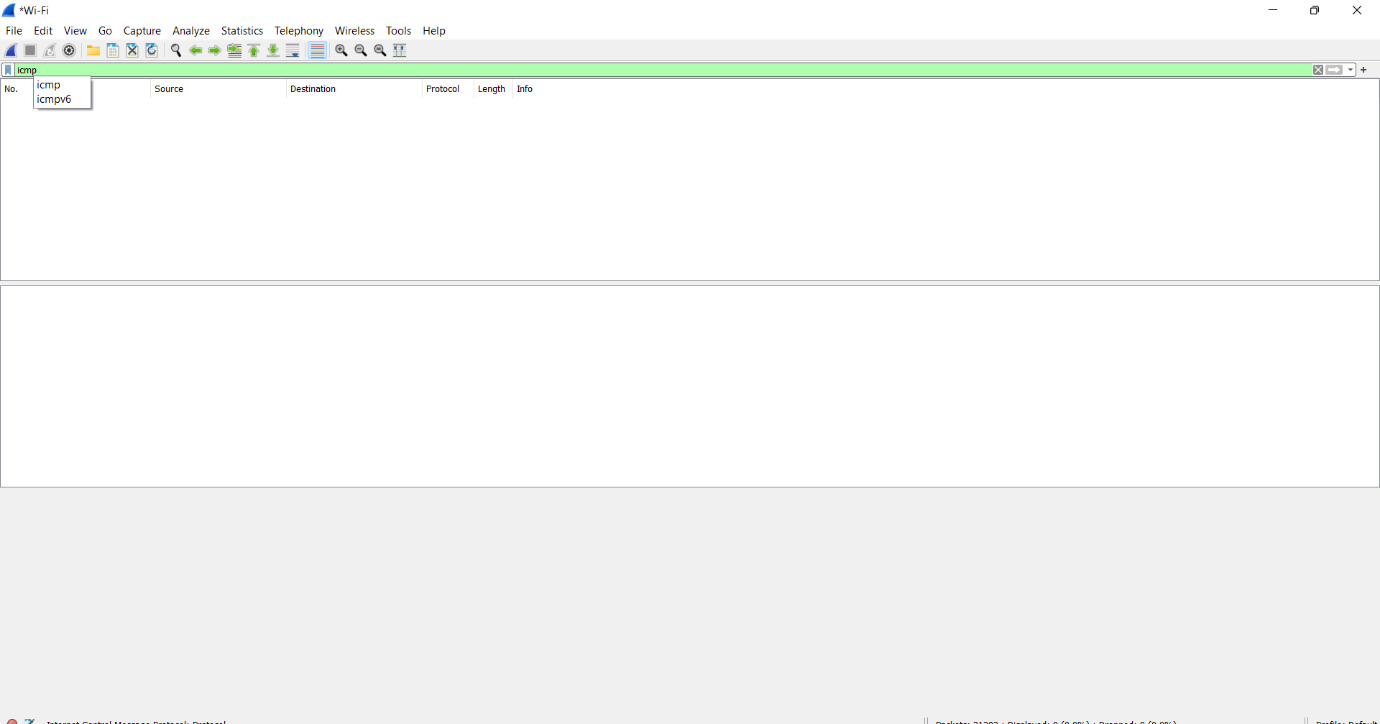
22. Transport layer protocol header analysis using Wireshark- TCP



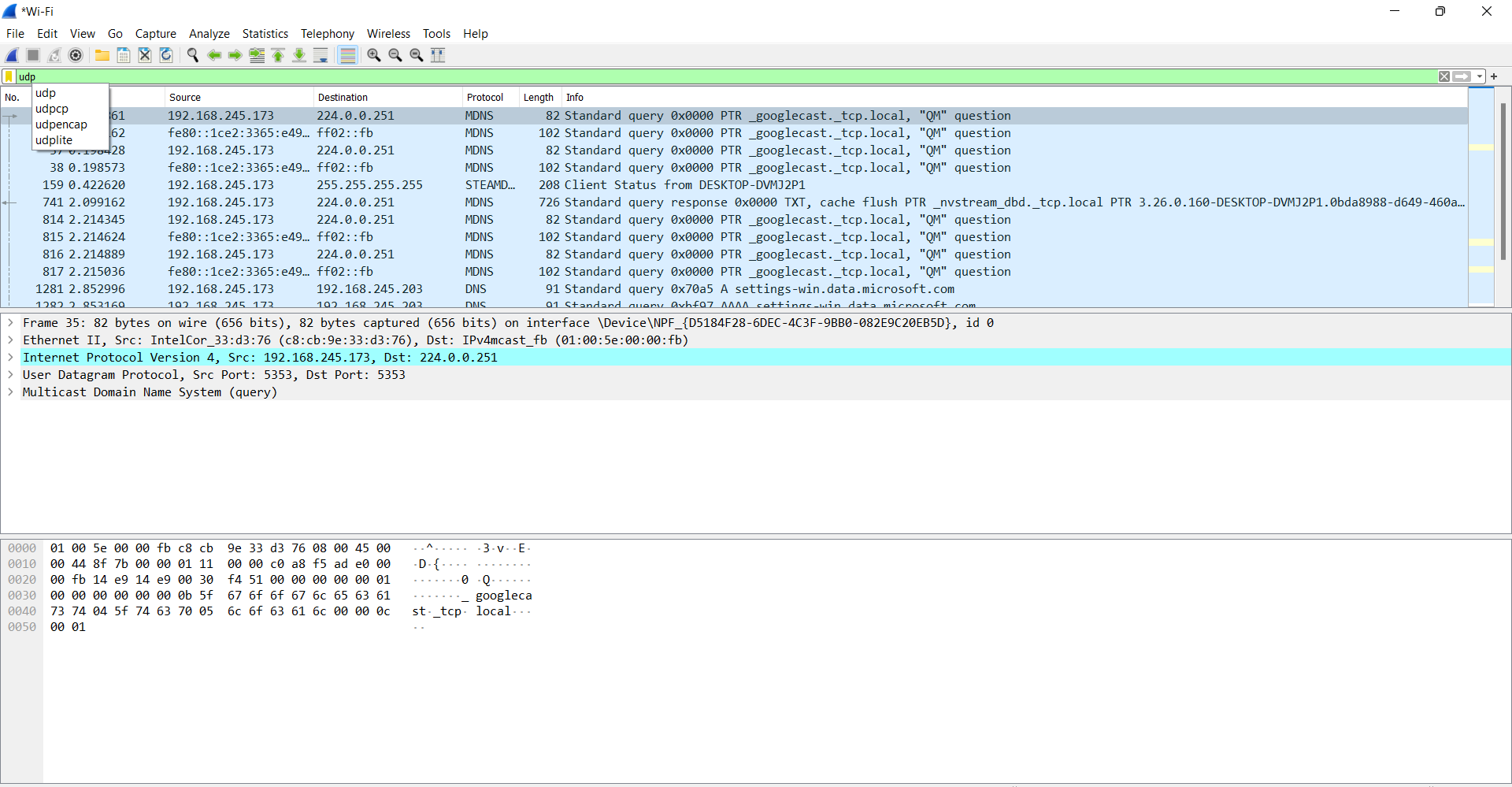
23. Network layer protocol header analysis using Wireshark – SMTP



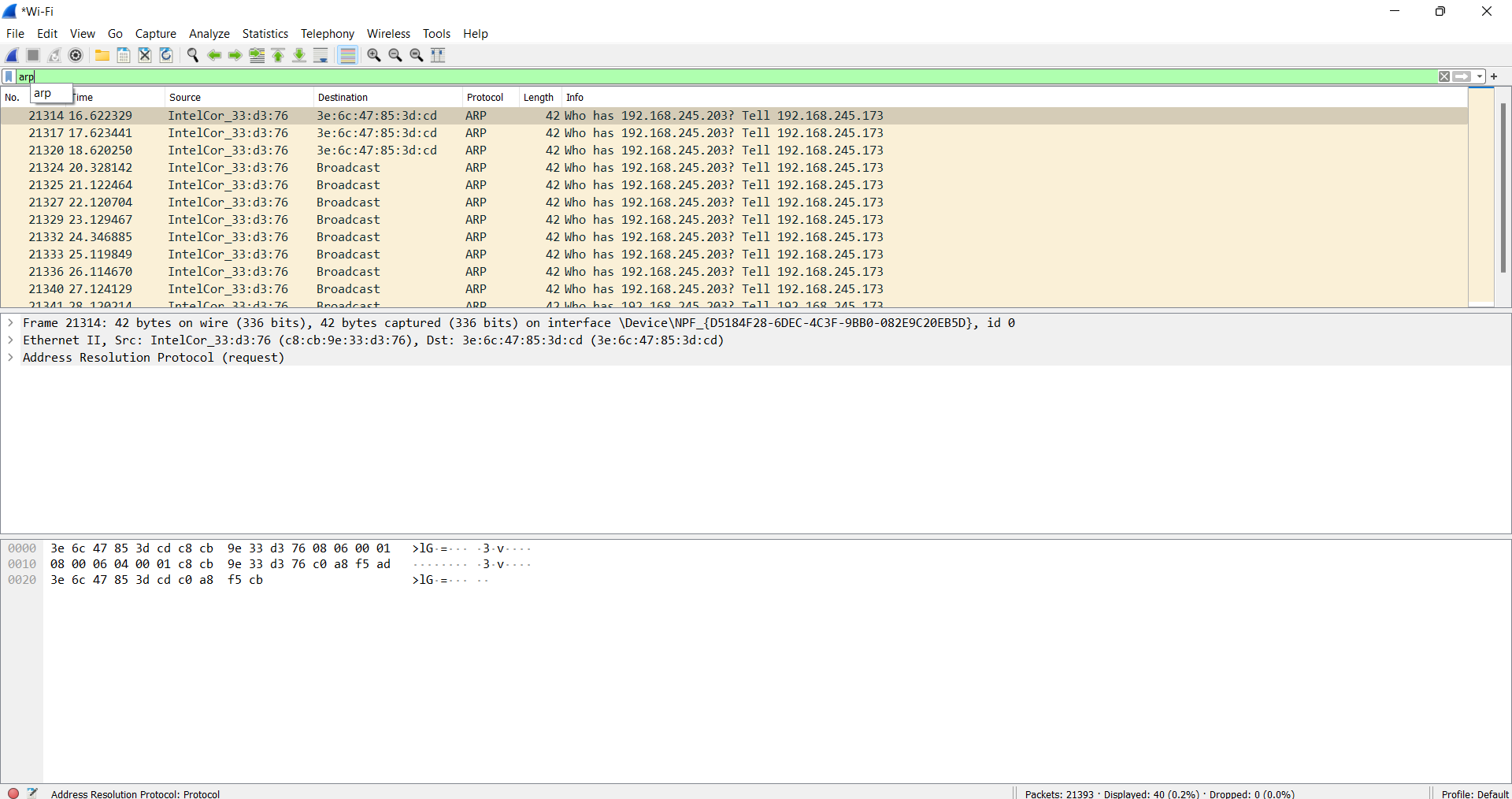
24. Network layer protocol header analysis using Wireshark – ICMP



25. Transport layer protocol header analysis using Wireshark – UDP



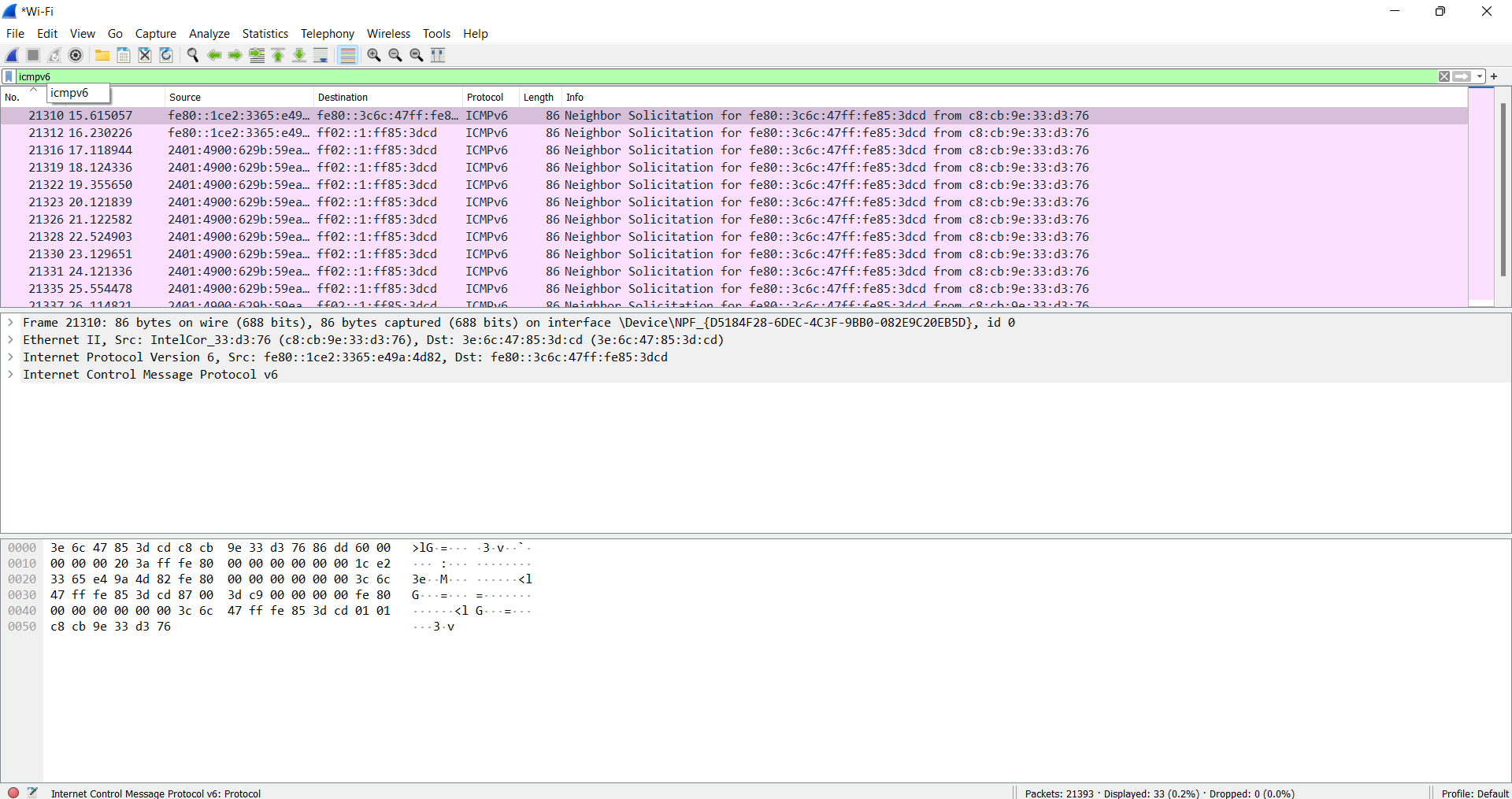
26. Network layer protocol header analysis using Wireshark – ARP



27. Network layer protocol header analysis using Wireshark – HTTP

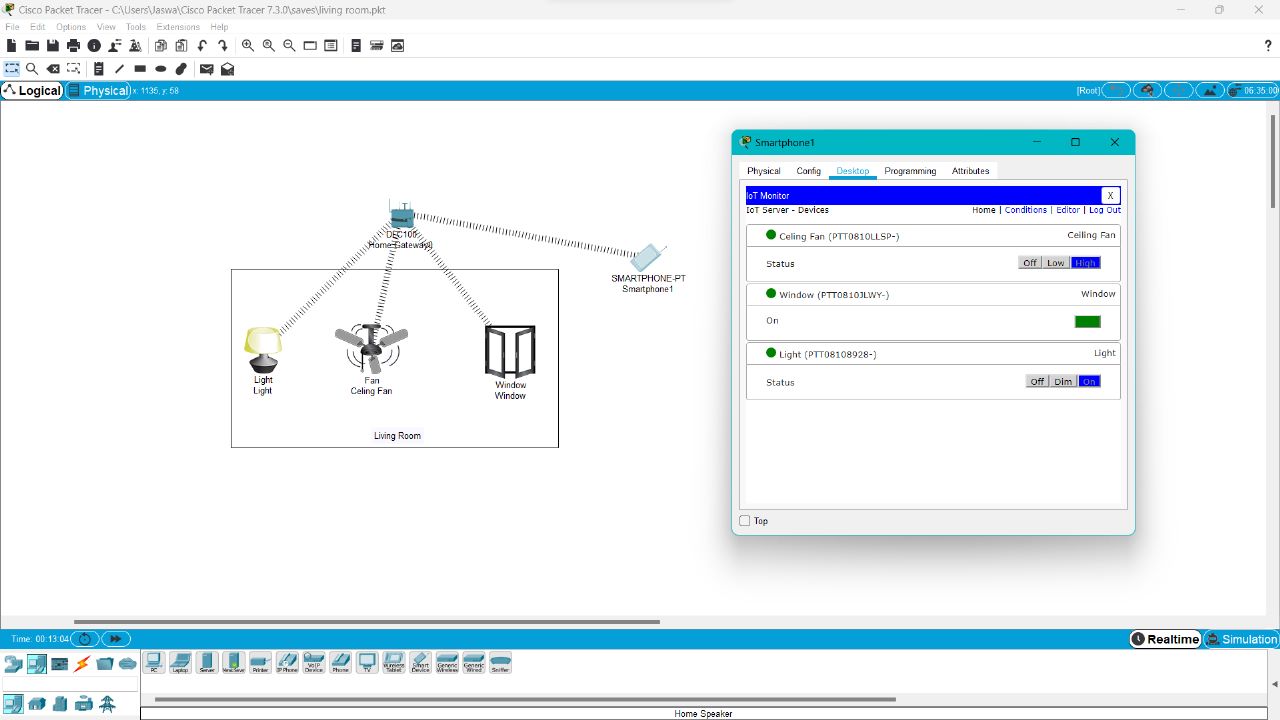


28. Demonstration of PING operation using ICMP in Wireshark

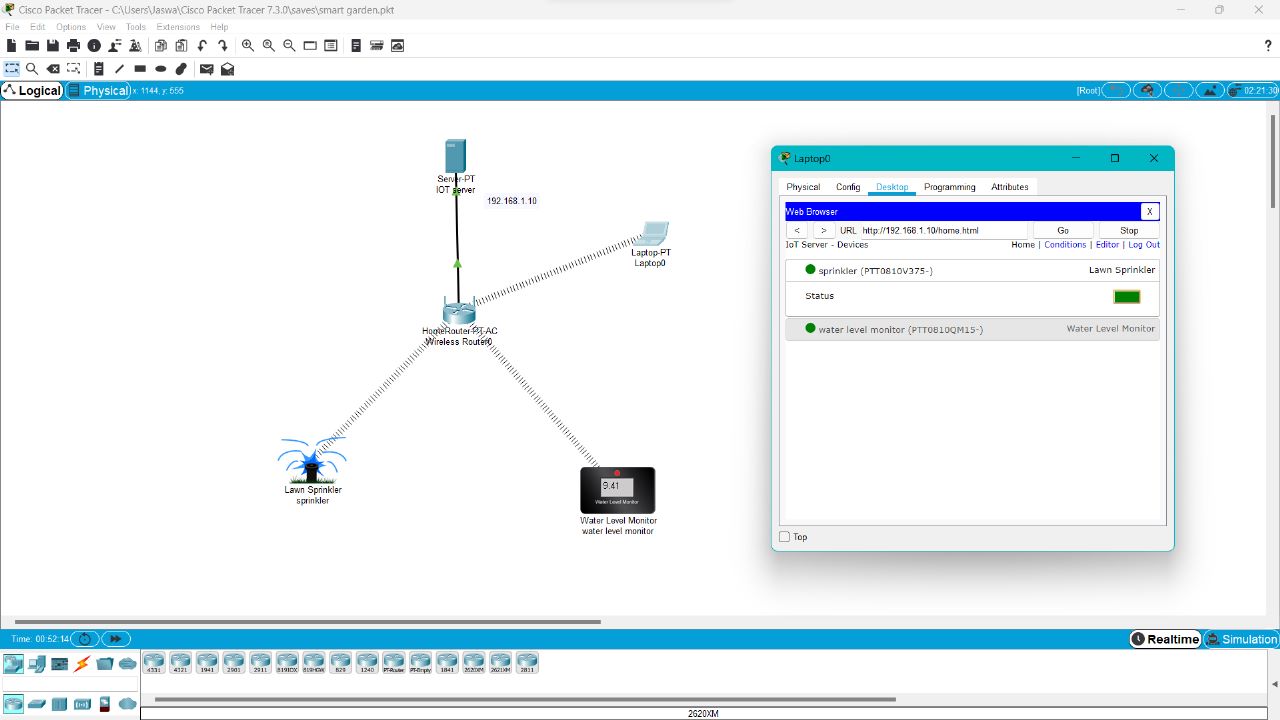


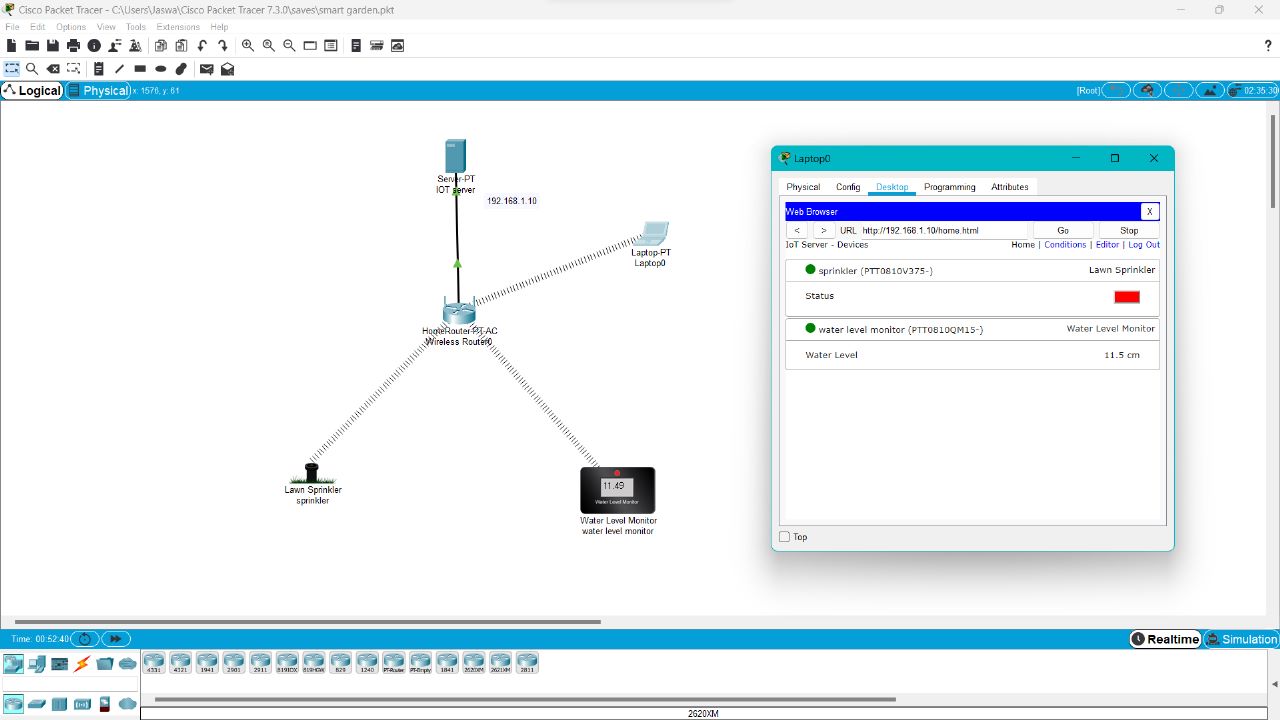
29. IOT Based Smart Home Using Cisco Packet Tracer



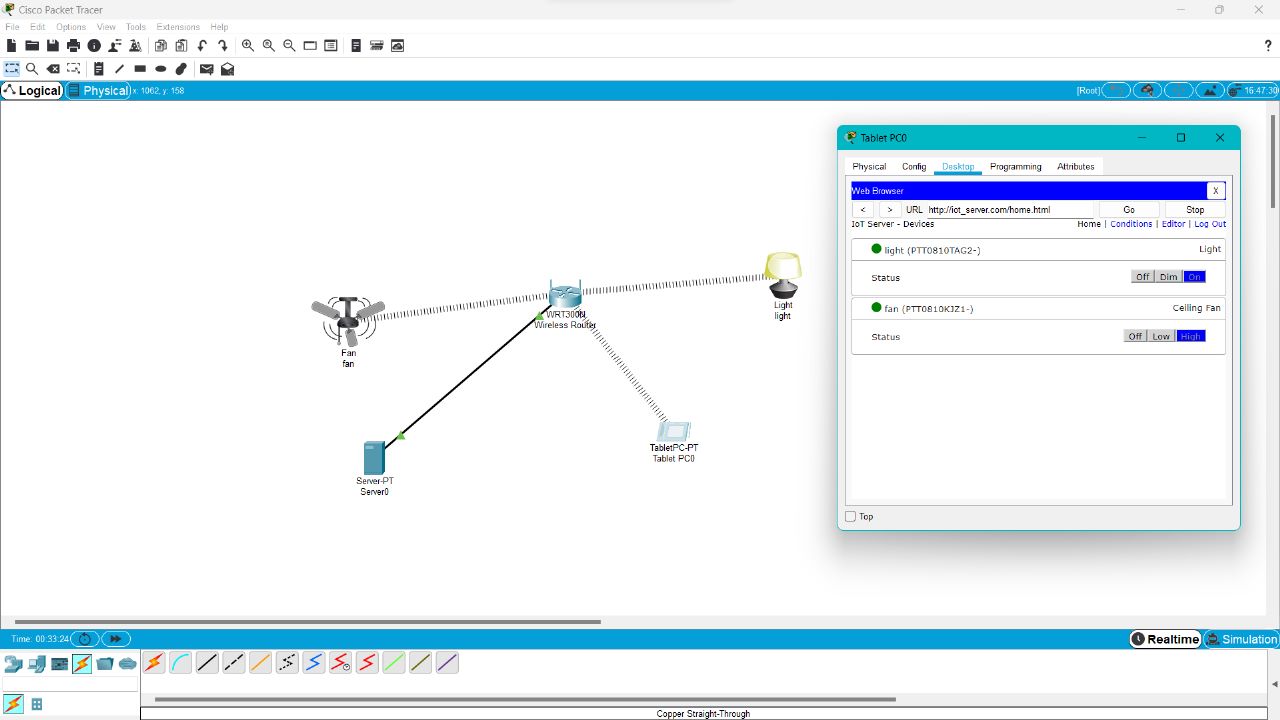


30. Smart Garden in Cisco Packet Tracer





31. IOT Devices in Networking Using Cisco Packet Tracer



32. Control of Fan, Light, Window & Application of Using Cisco Packet Tracer

