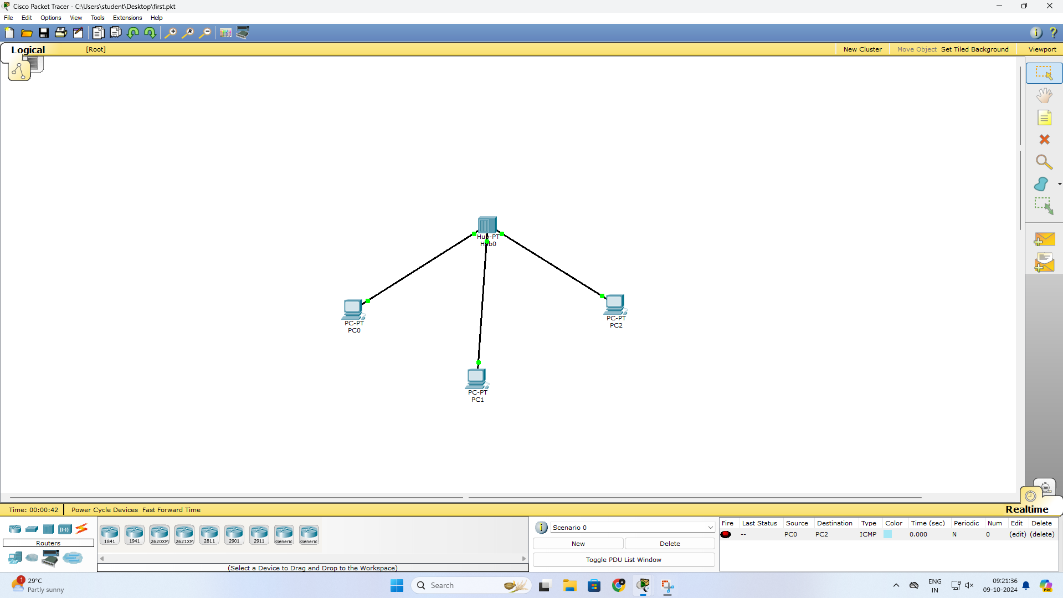
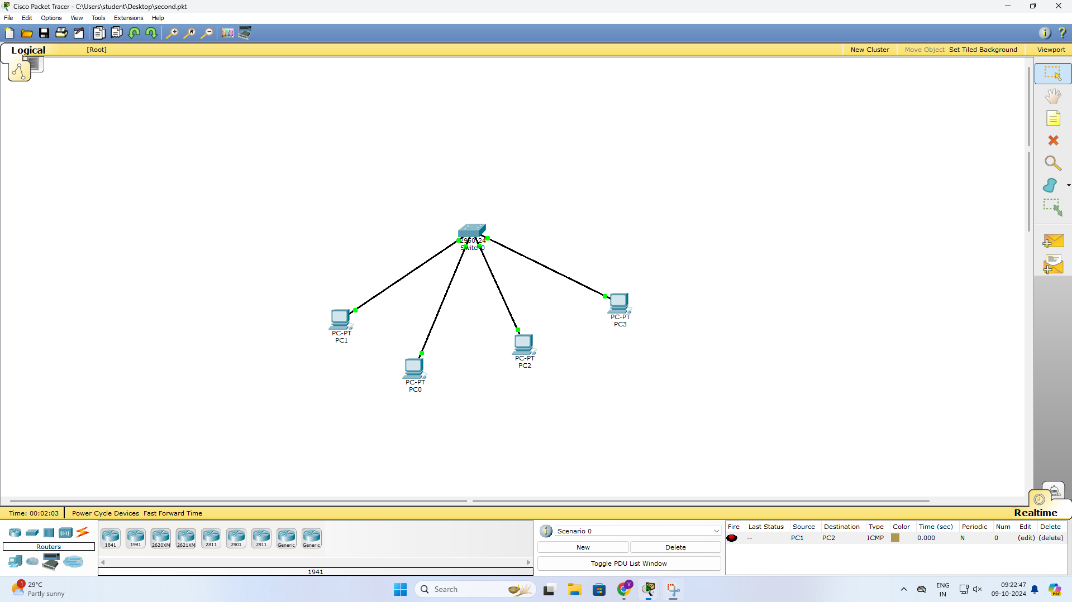
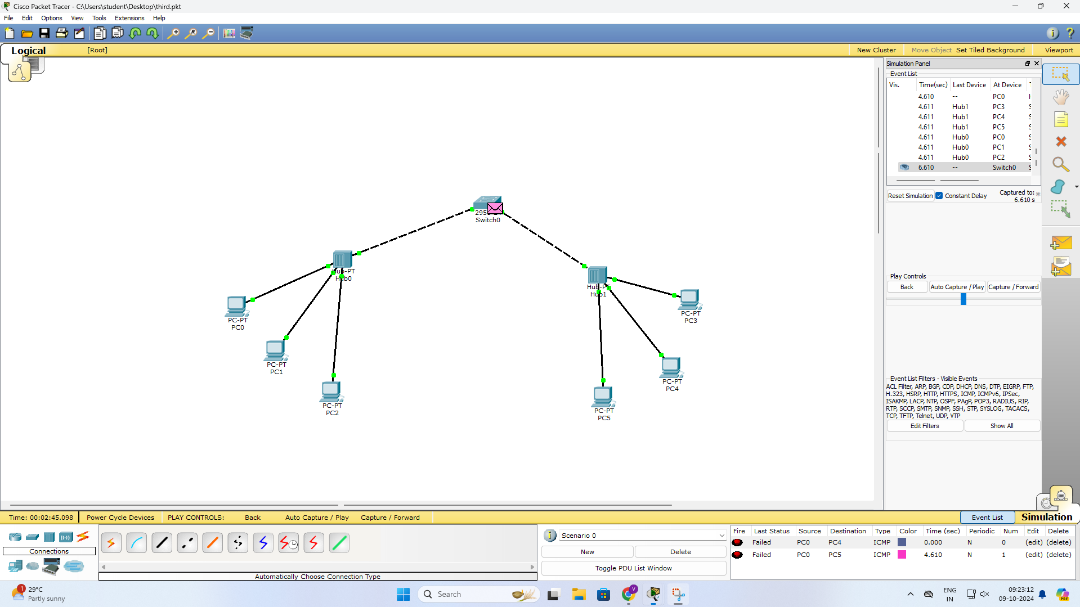
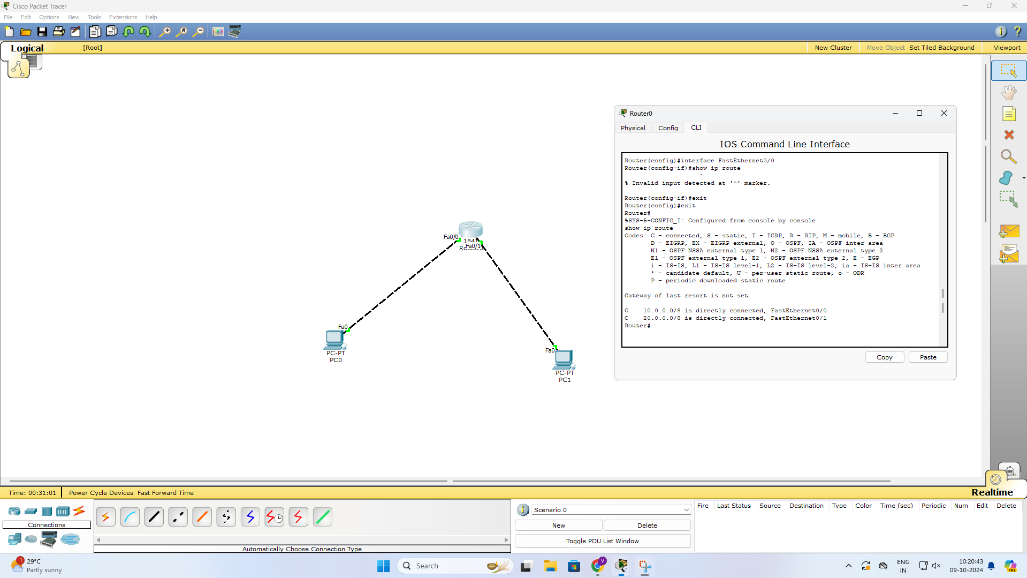
Create a topology and simulate sending a simple PDU from source to destination using hub and switch as connecting devices and demonstrate ping message.

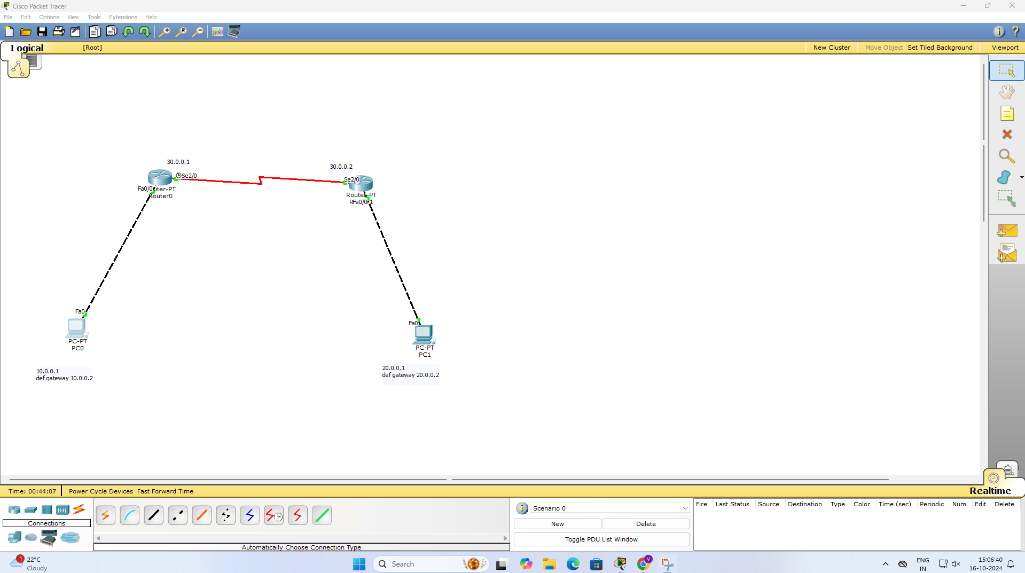


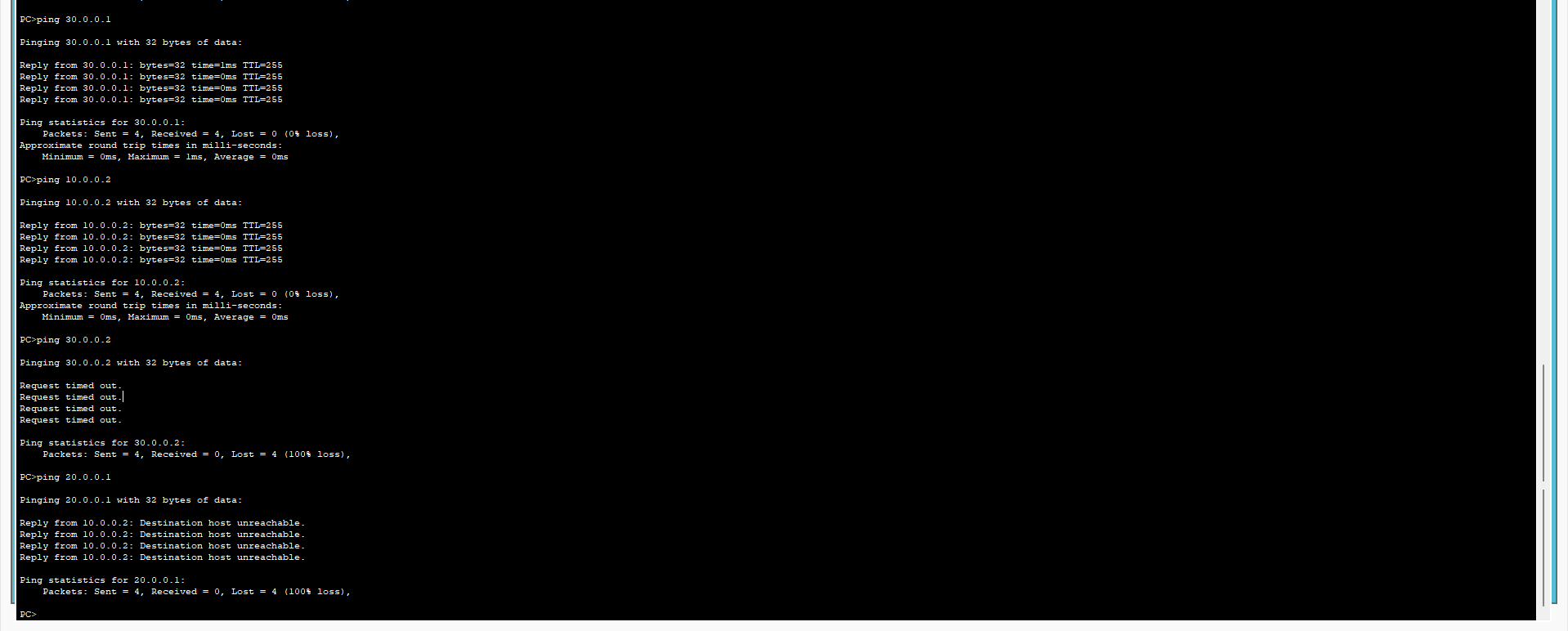




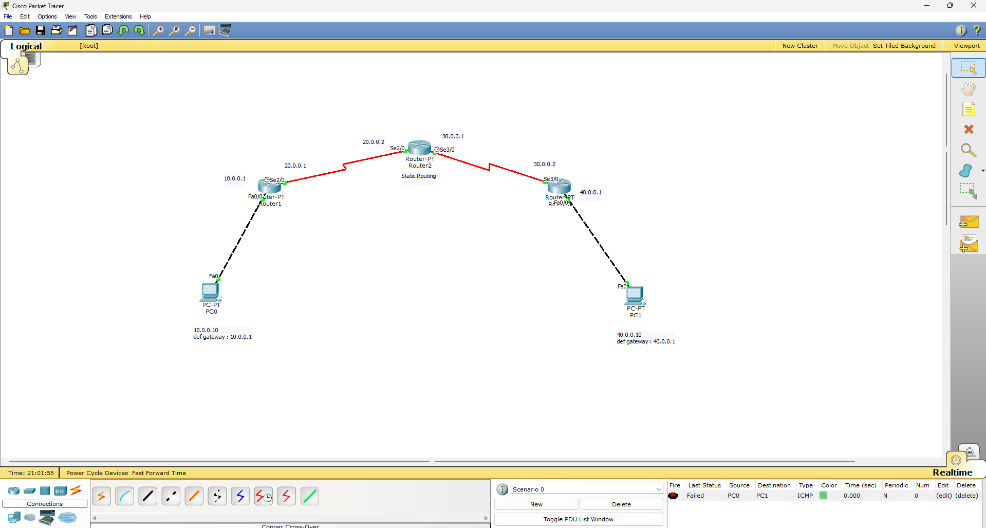
Configure IP address to routers in packet tracer. Explore the following messages: ping responses, destination unreachable, request timed out, reply

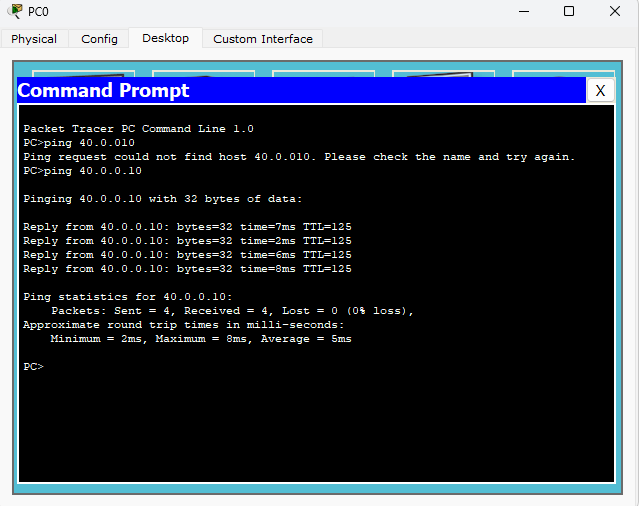






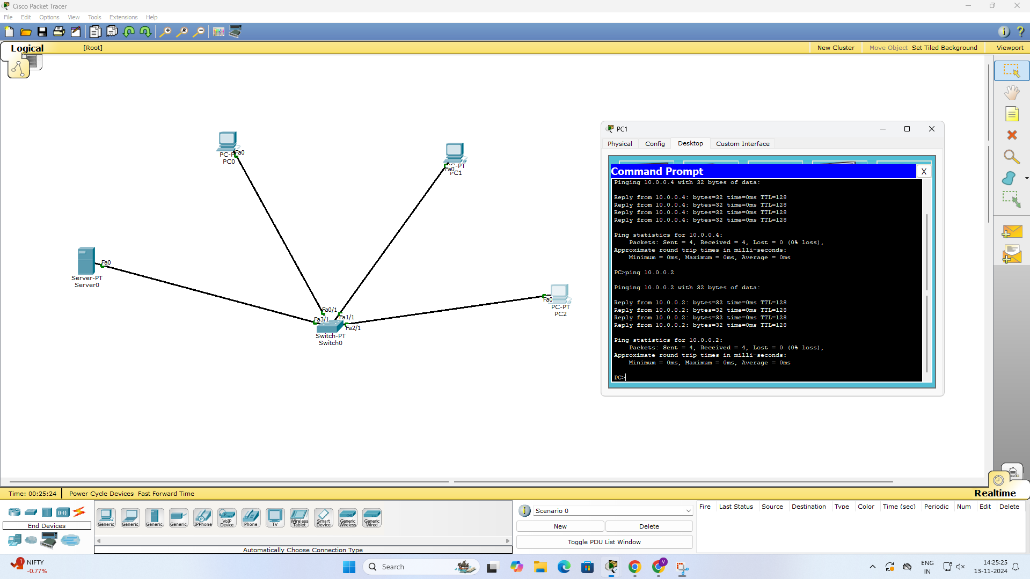
Configure default route, static route to the Router.



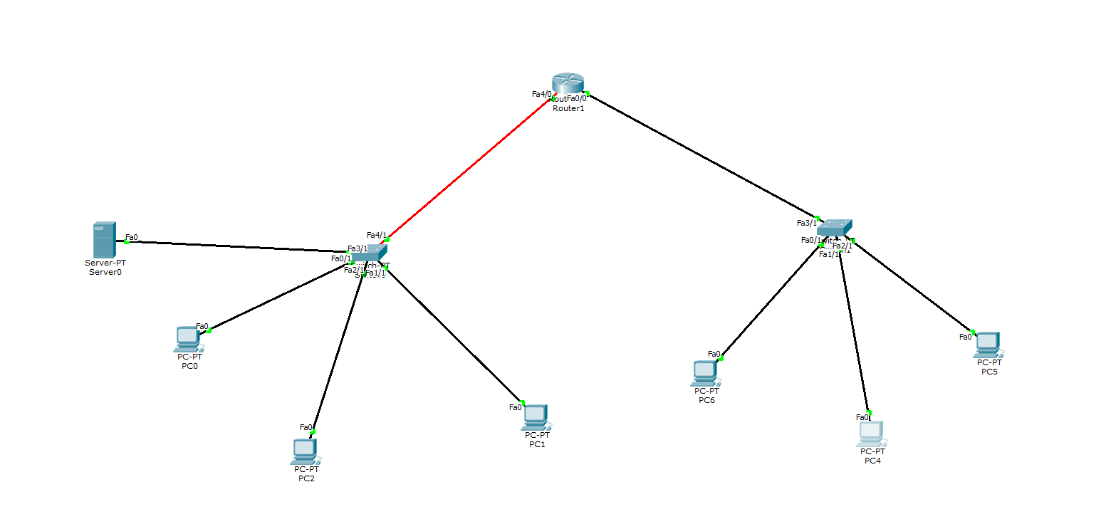


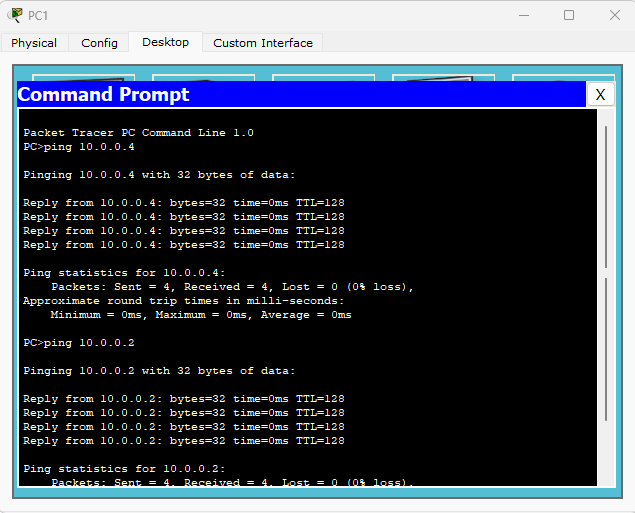
Configure DHCP within a LAN and outside LAN.

Within LAN:

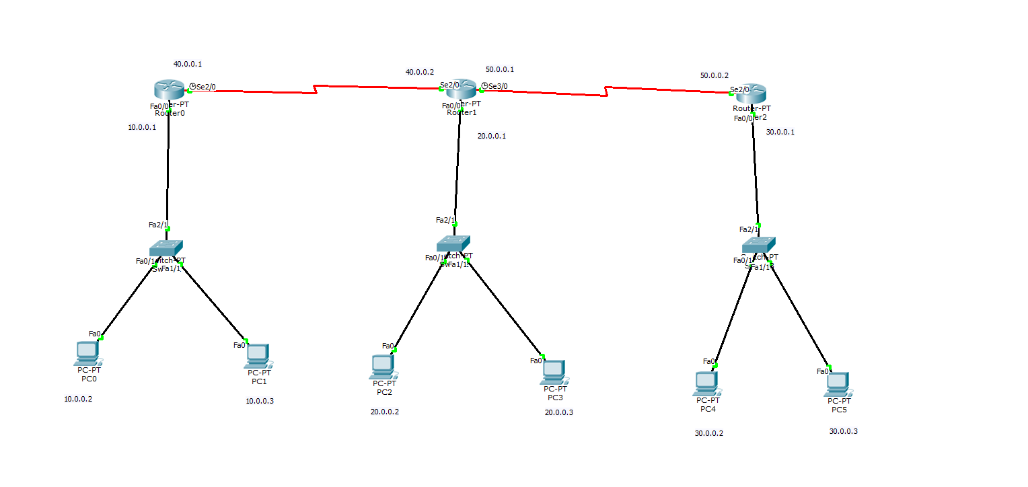


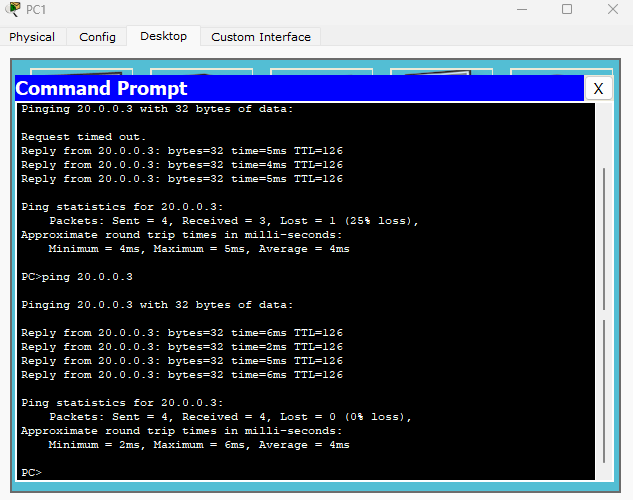
Outside LAN:



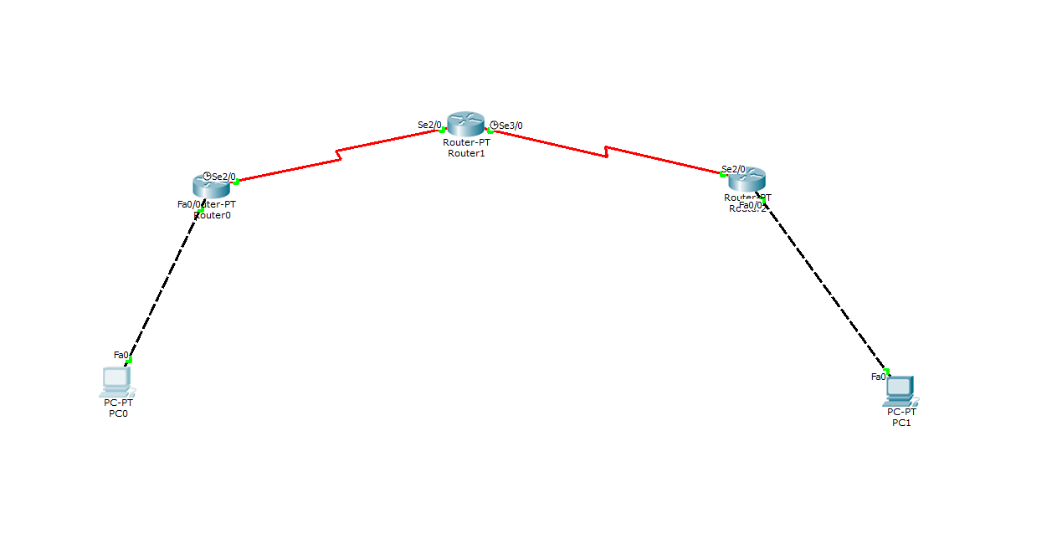


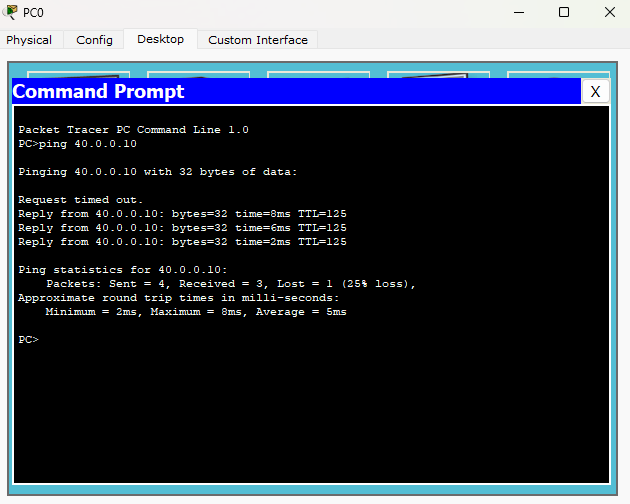
Configure RIP routing Protocol in Routers.



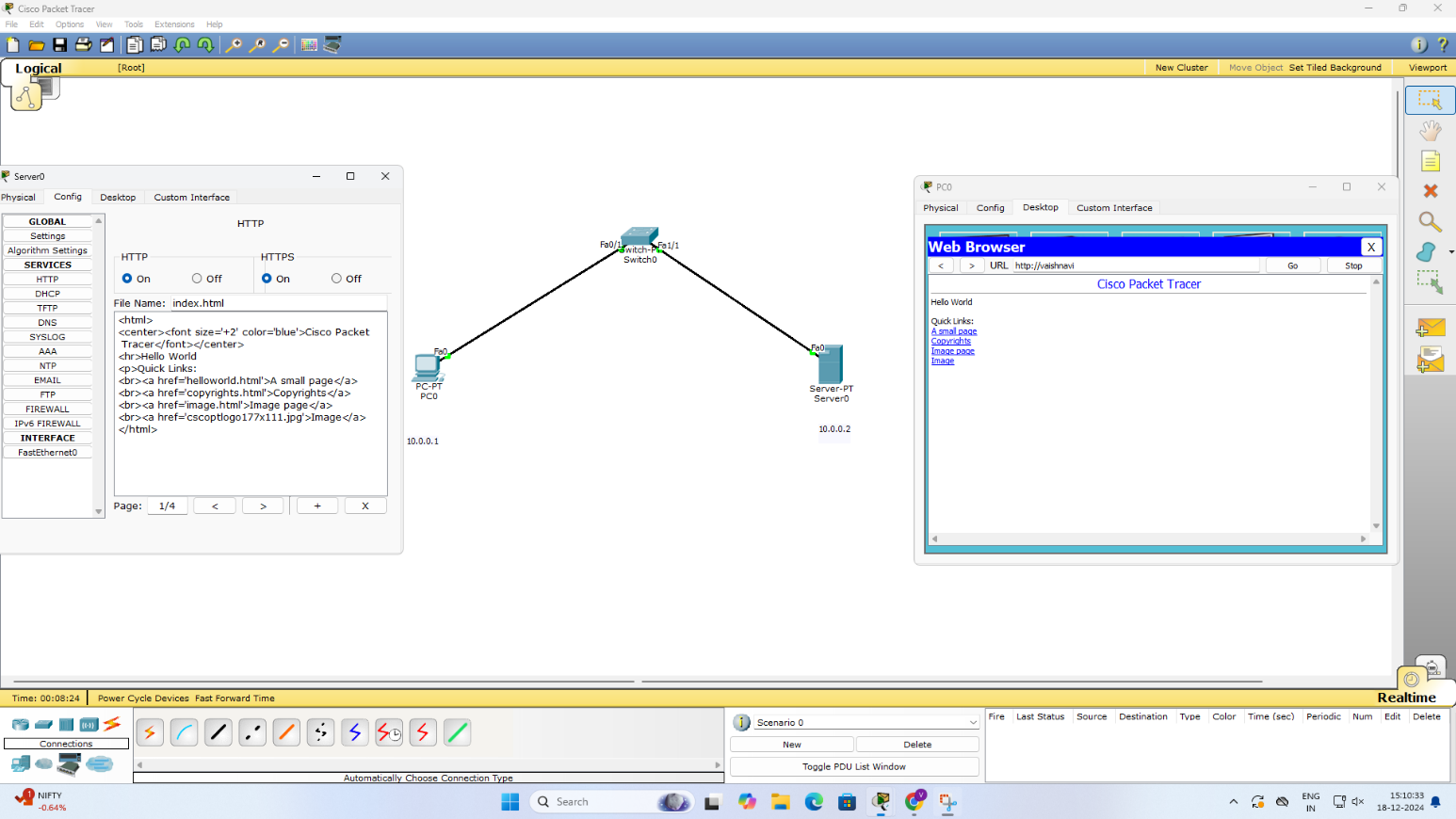


Configure OSPF routing protocol.

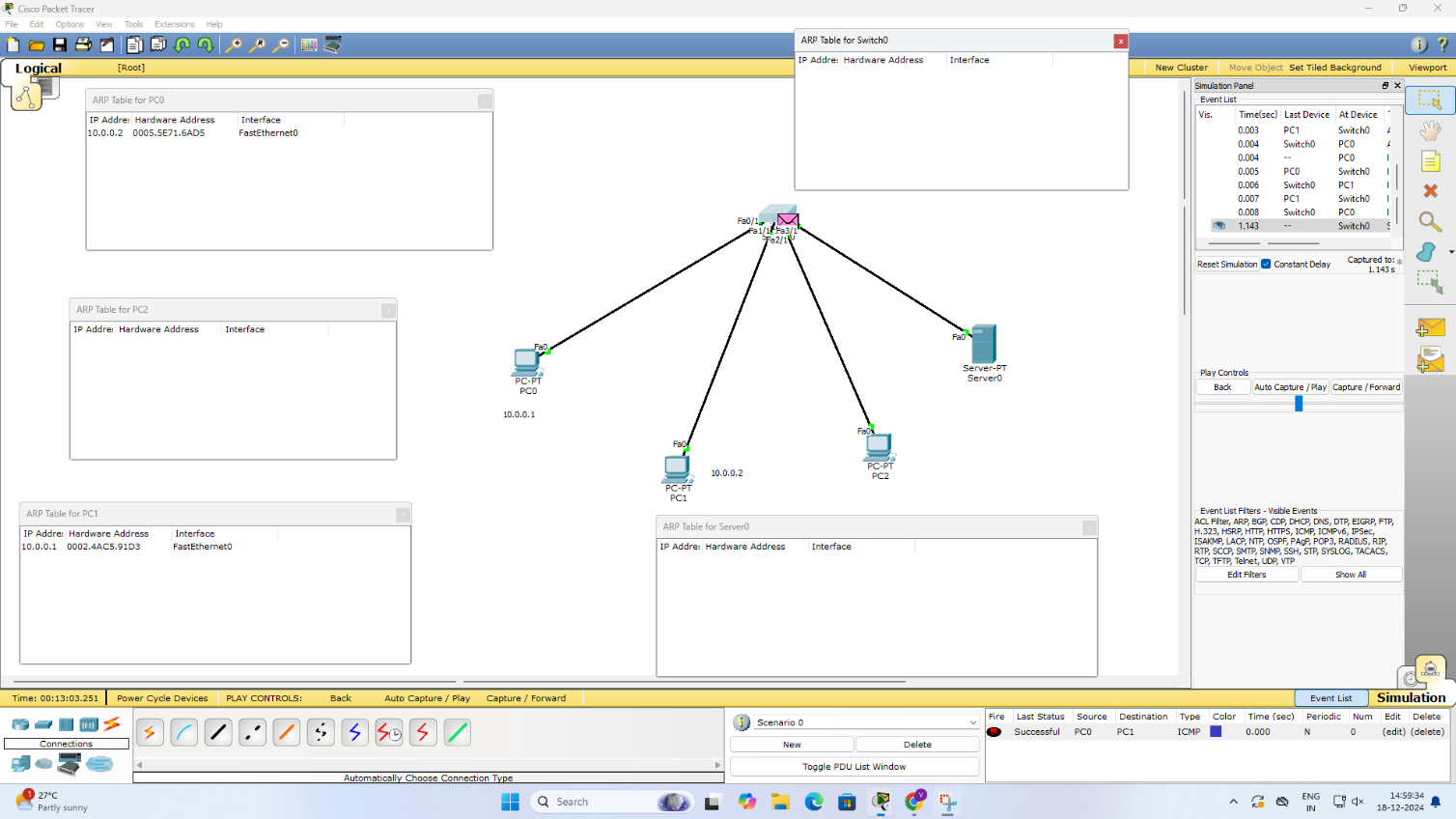


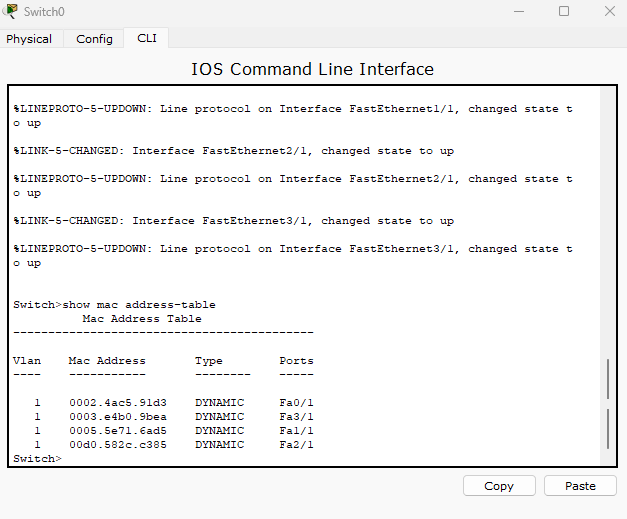


Configure Web Server, DNS within a LAN.

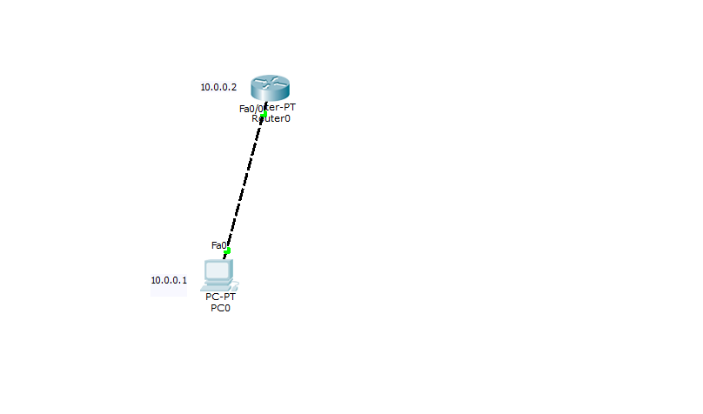


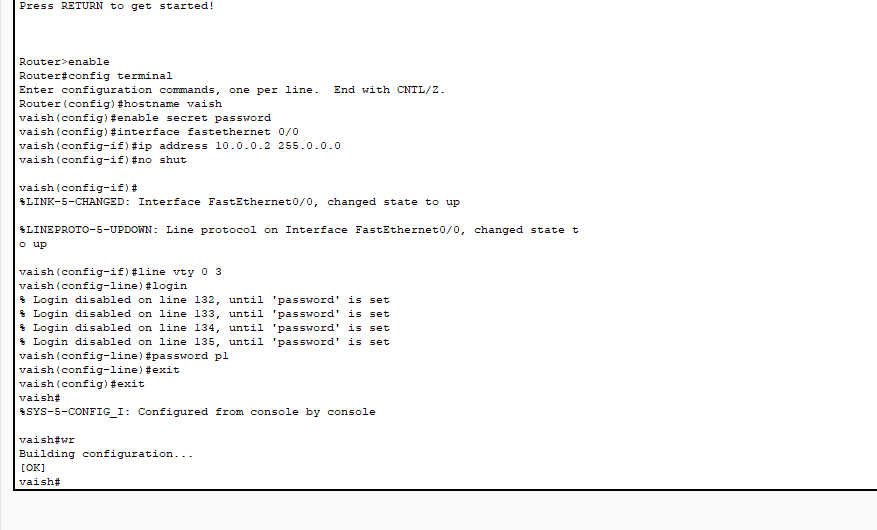
To construct simple LAN and understand the concept and operation of Address Resolution Protocol (ARP)

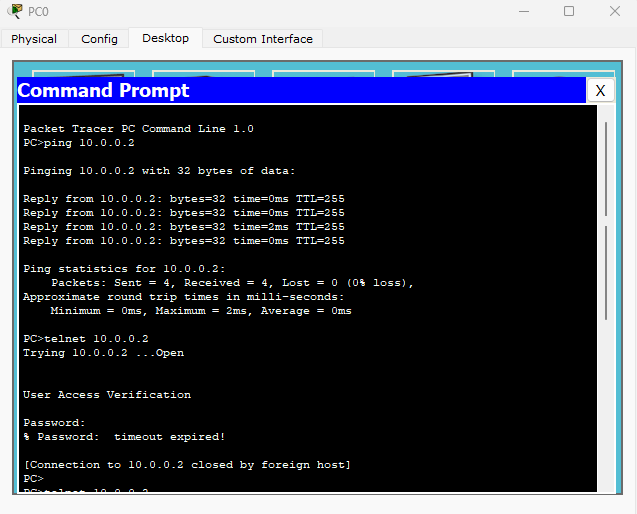


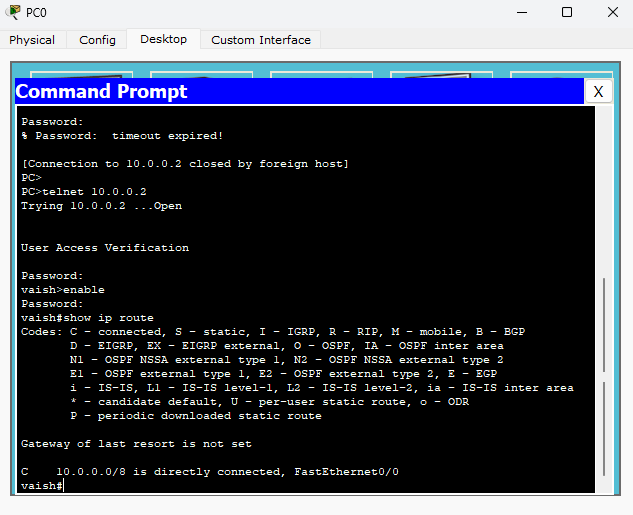


To understand the operation of TELNET by accessing the router in server room from a PC in IT office.

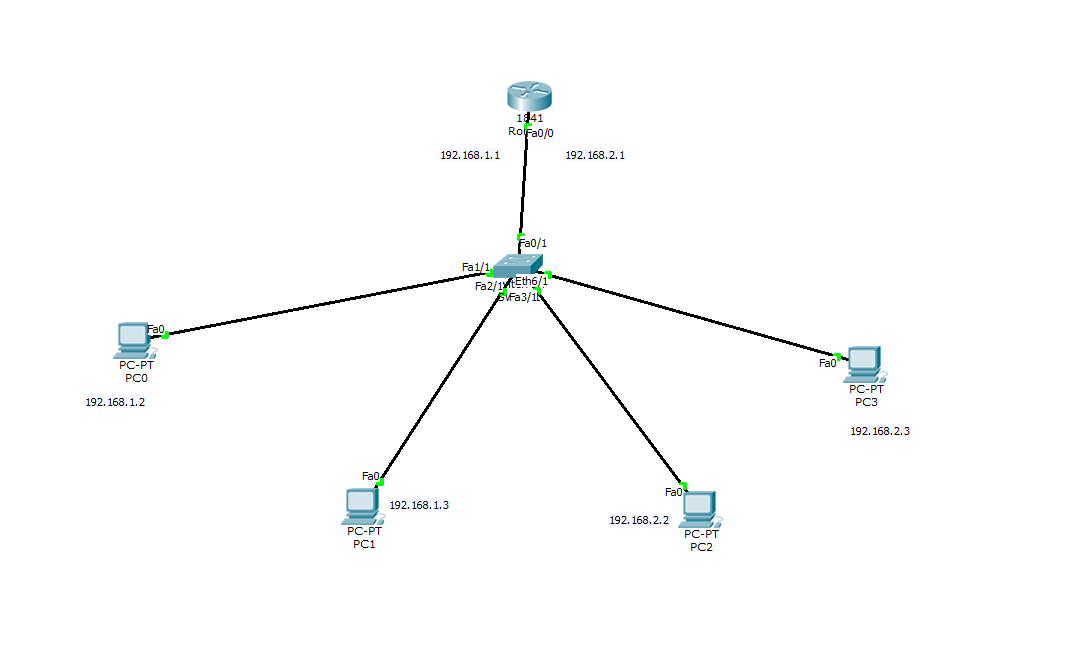


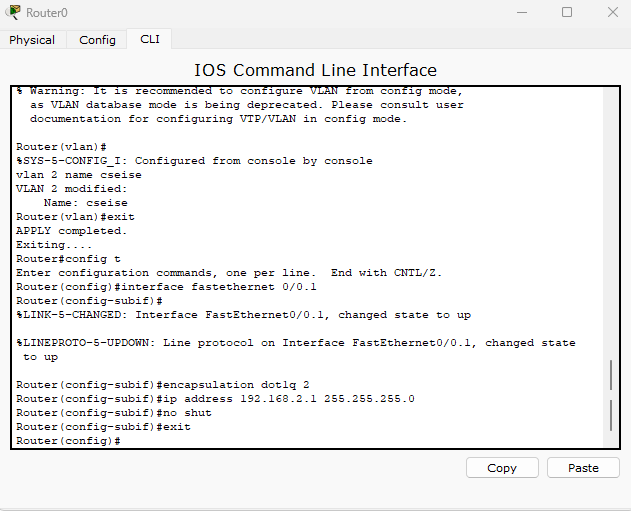


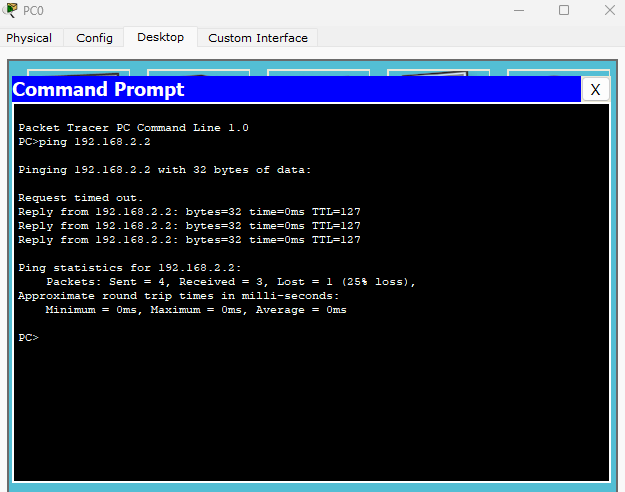




To construct a VLAN and make the PC’s communicate among a VLAN.







To construct a WLAN and make the nodes communicate wirelessly.

