Computer networks

**Lab activity – 5**

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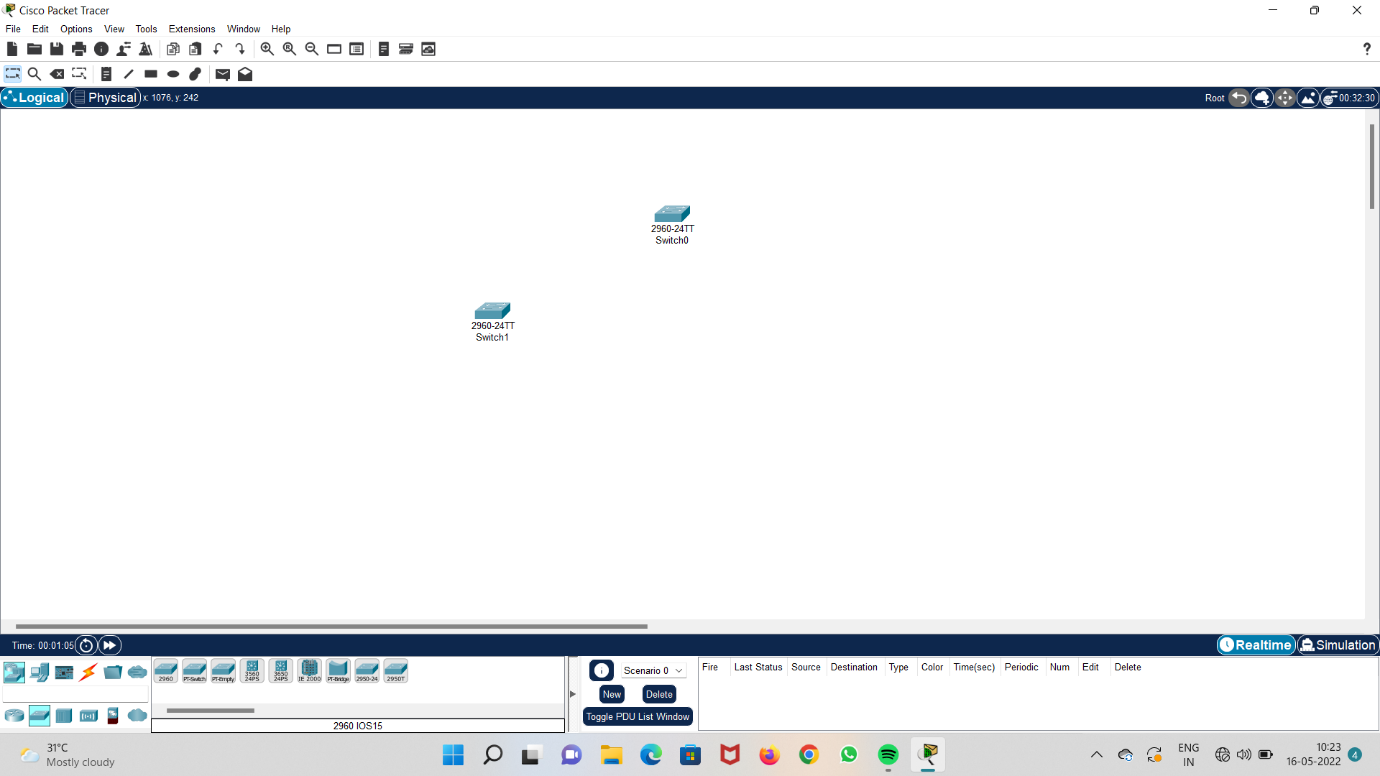
**Faculty :** Dr. S. Ramesh

**Course code :** CSA0786 computer networks for wanet applications

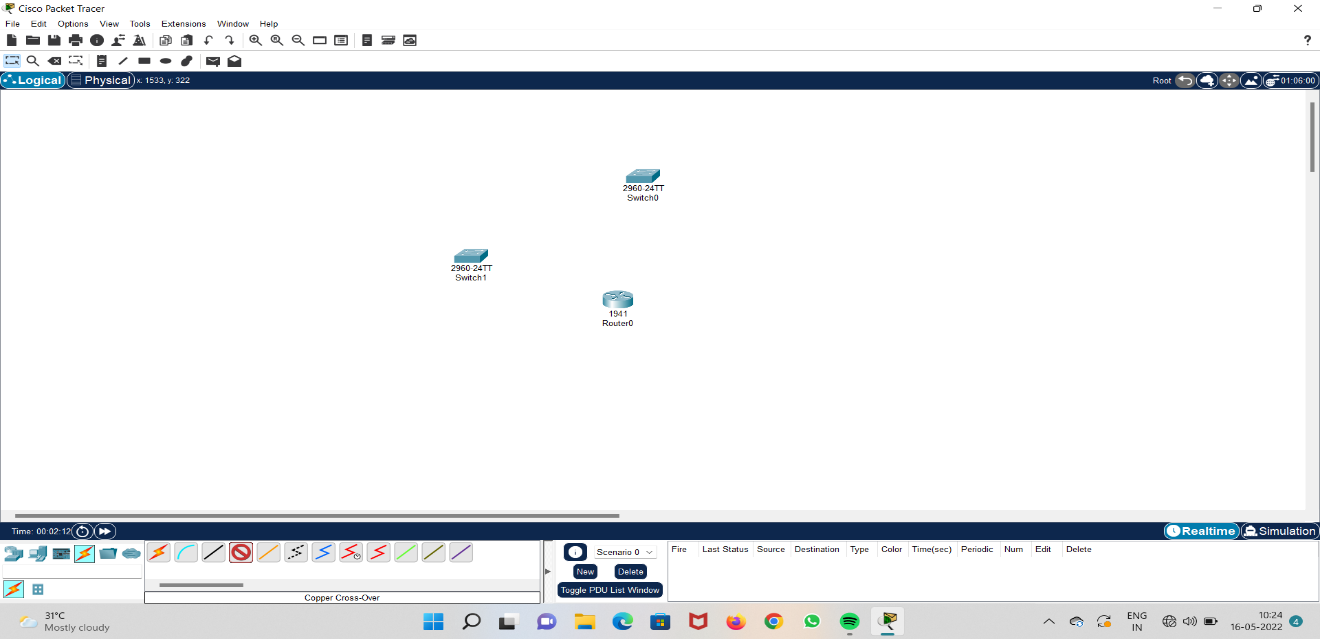
**Lab activity : 5**

**Question : Data Link Layer Traffic Simulation using Packet Tracer Analysis of LLDP.**

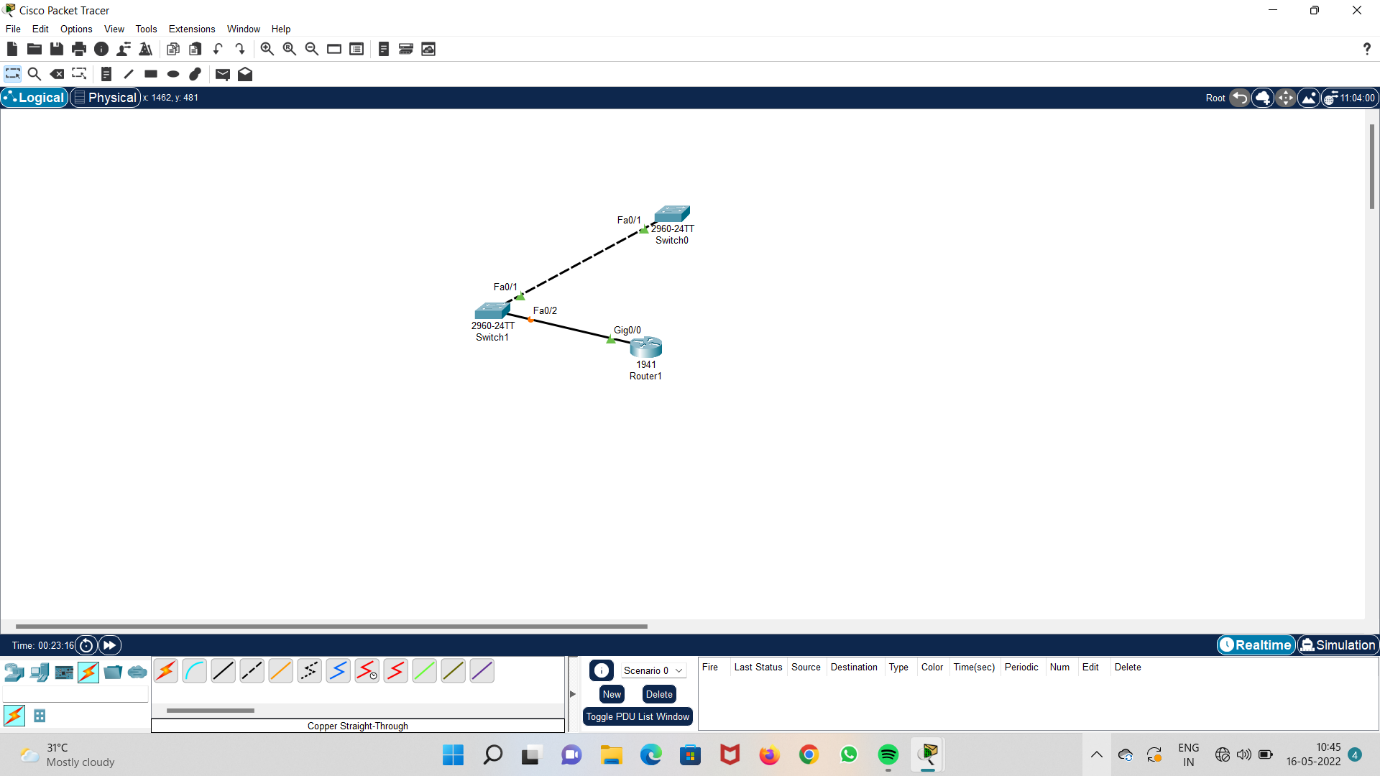
**Step 1 : Take 2 PT switches**



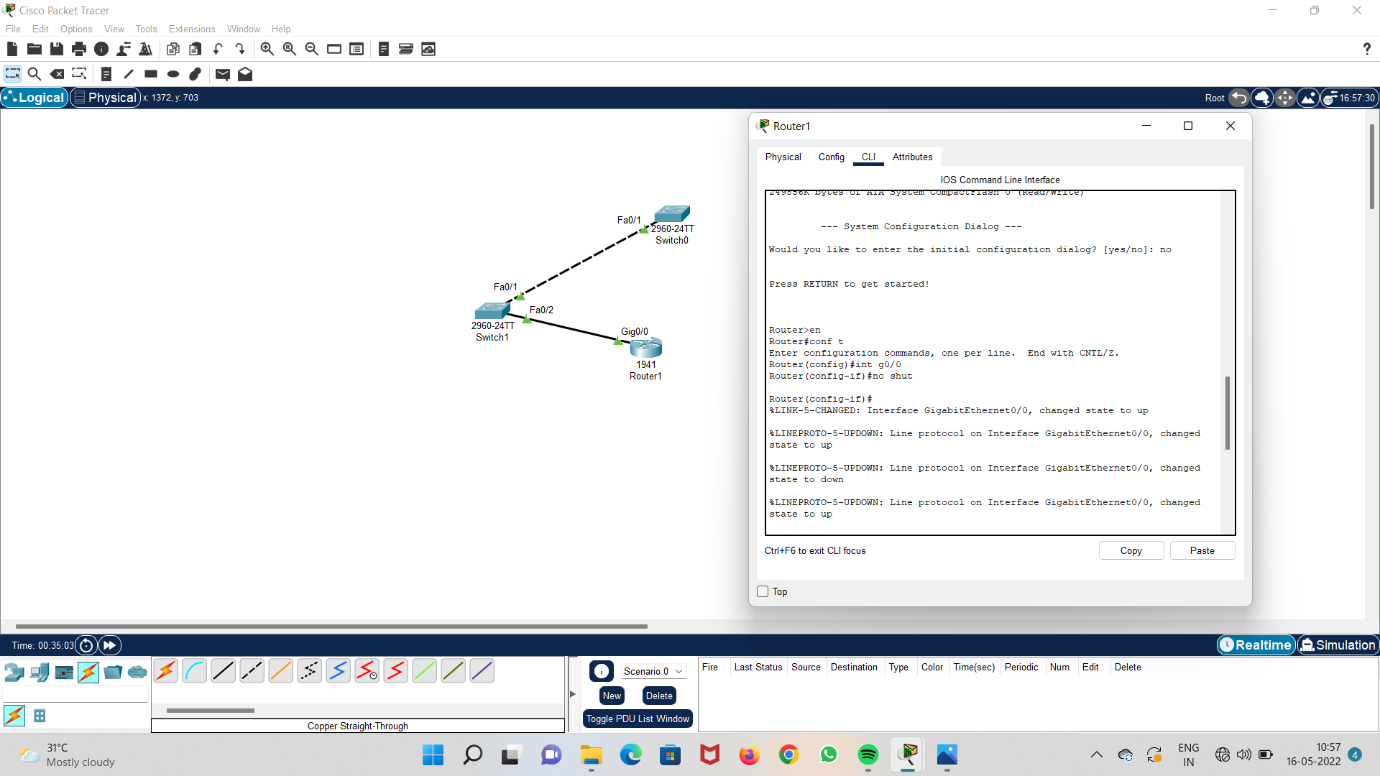
**Step 2 : Take a 1941 router.**



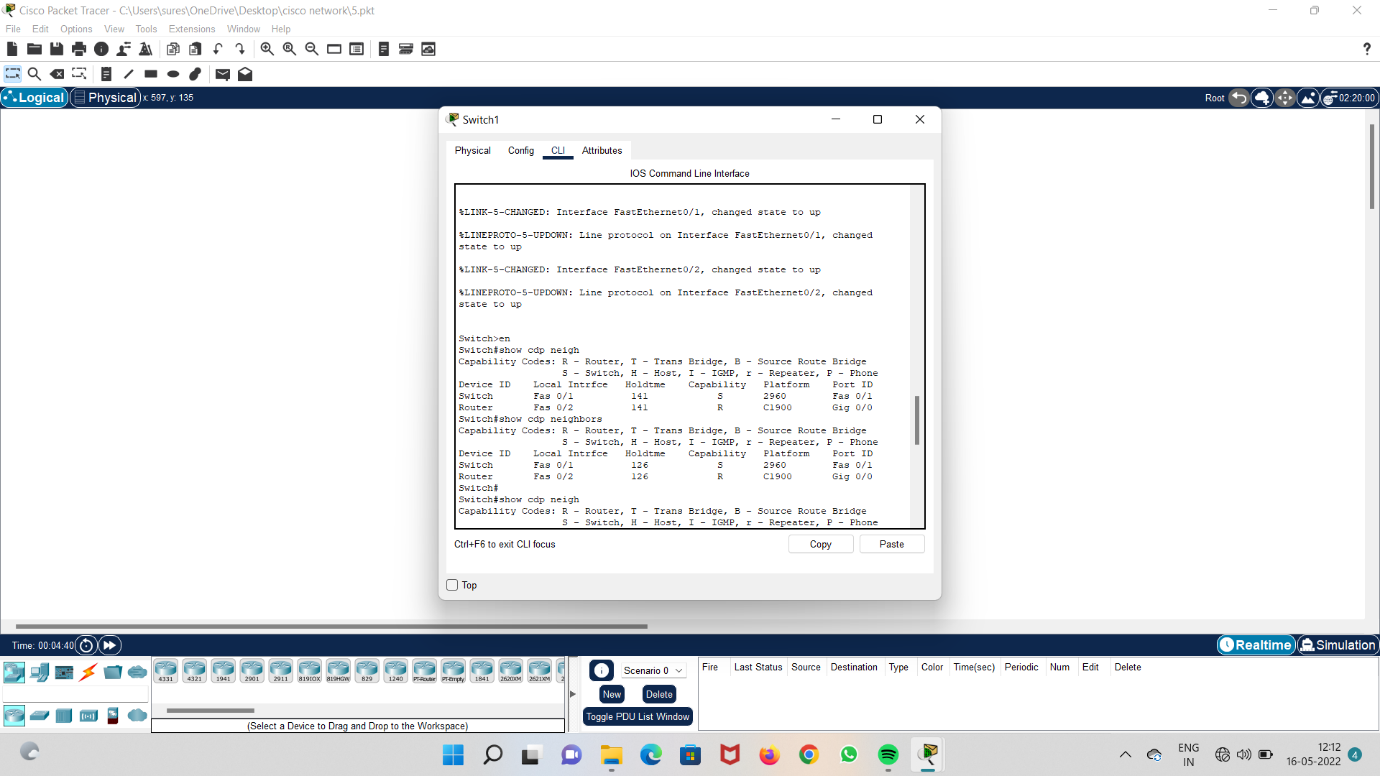
**Step 3 : connect both the switches to the router.**



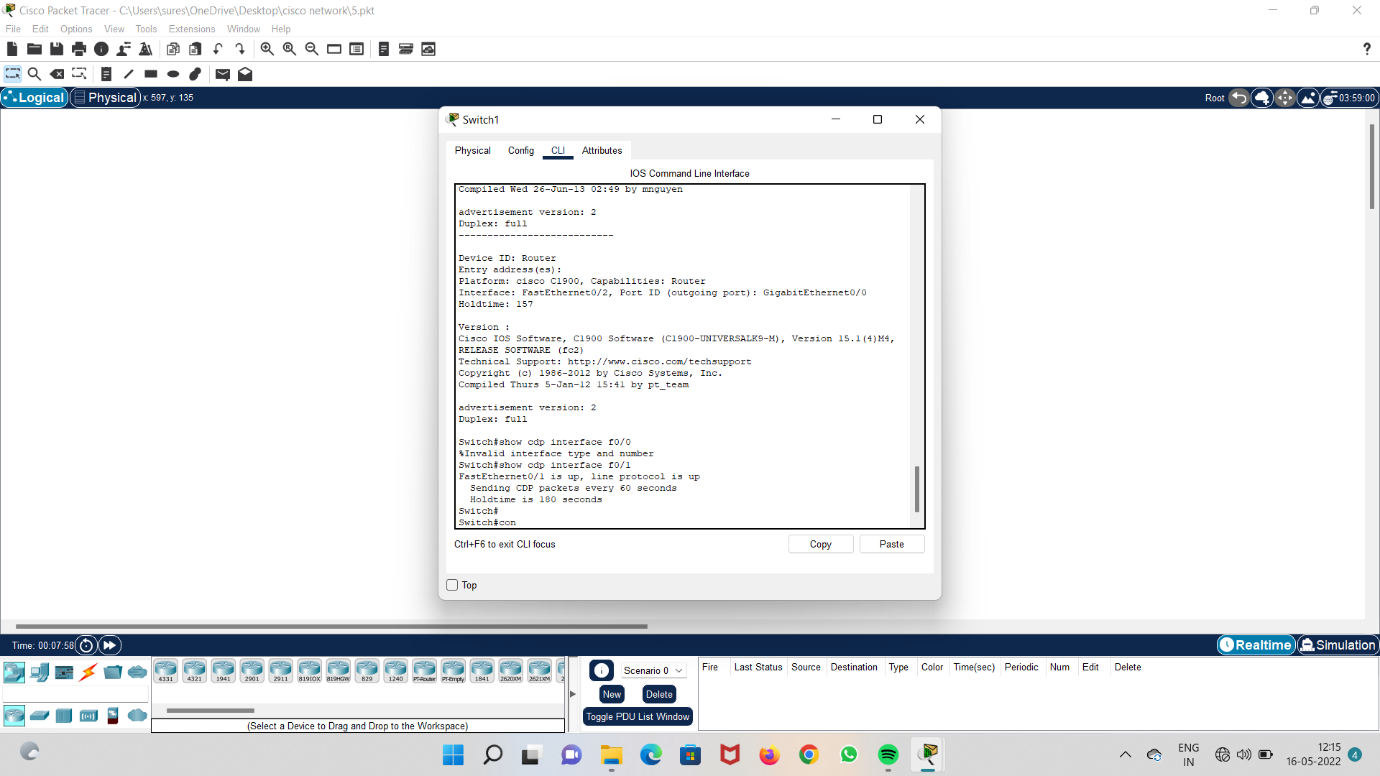
**Step 4 : open CLI in router and run the configuration**



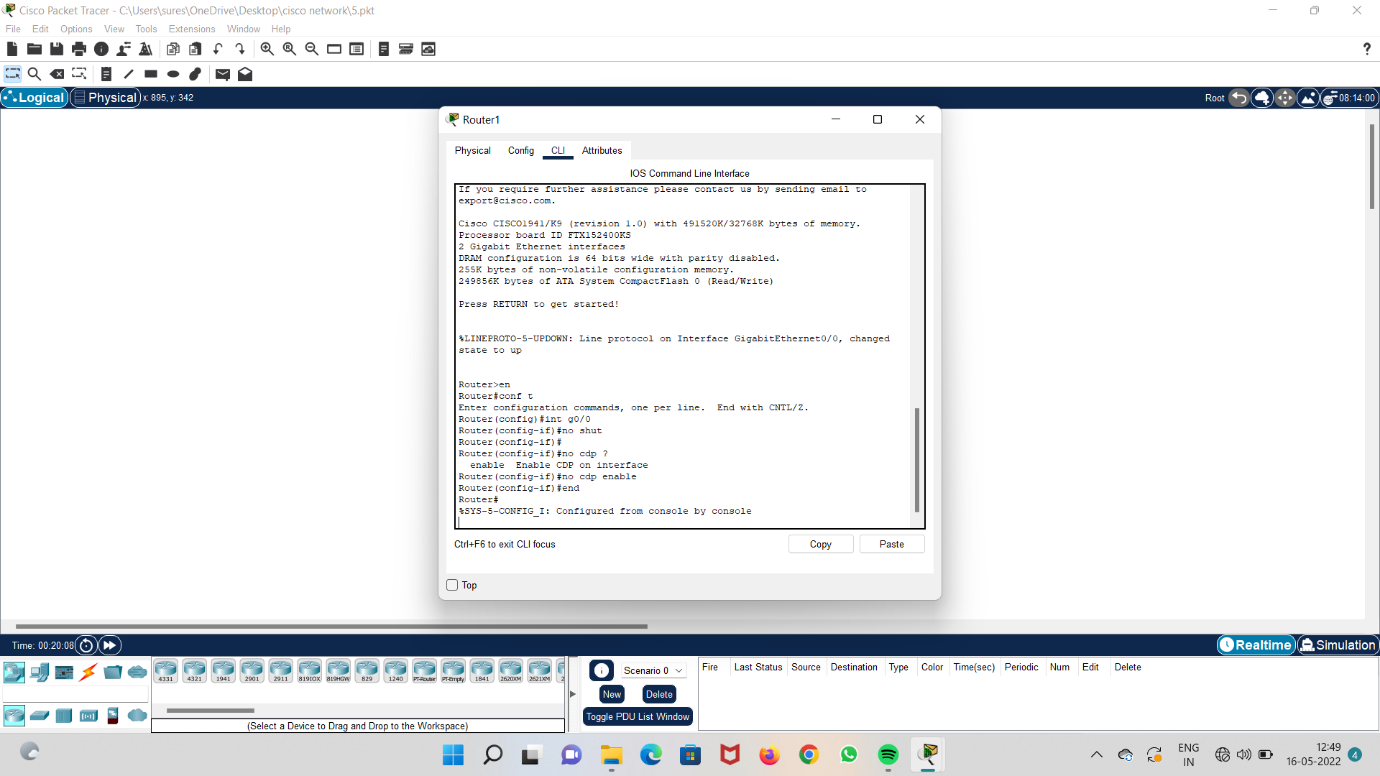
**Step 5 : open CLI in switch and run the configuration**



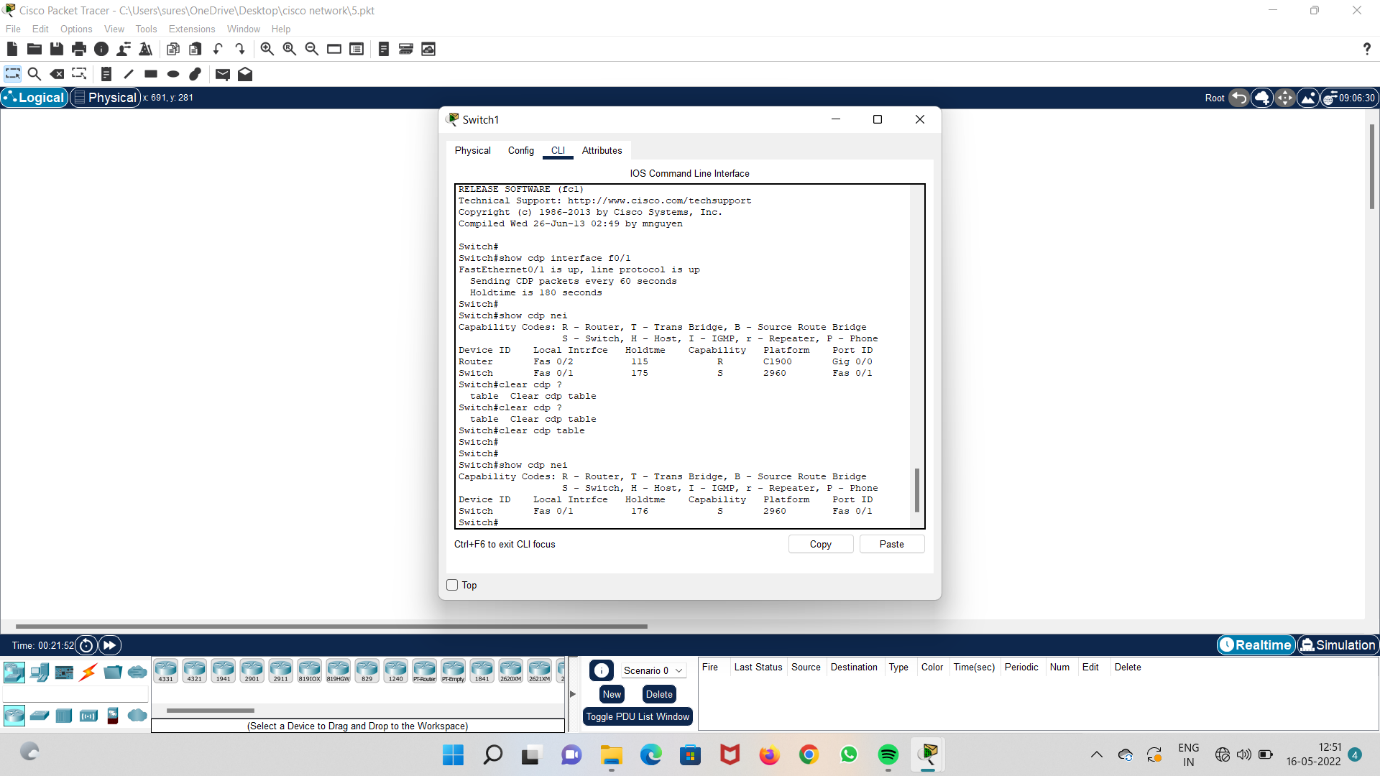
**Step 6 : run cdp interface in switch one**



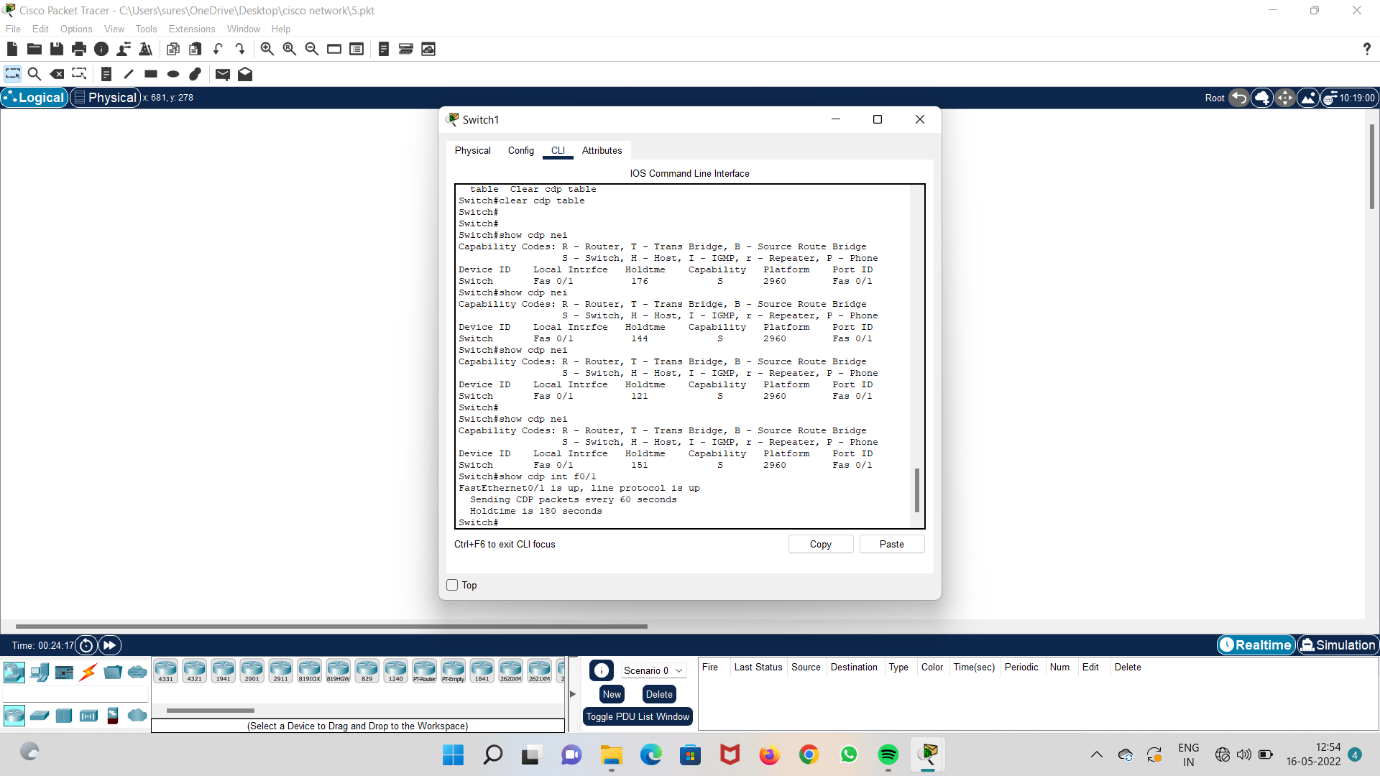
**Step 7 : Enable cdp interface in router one**



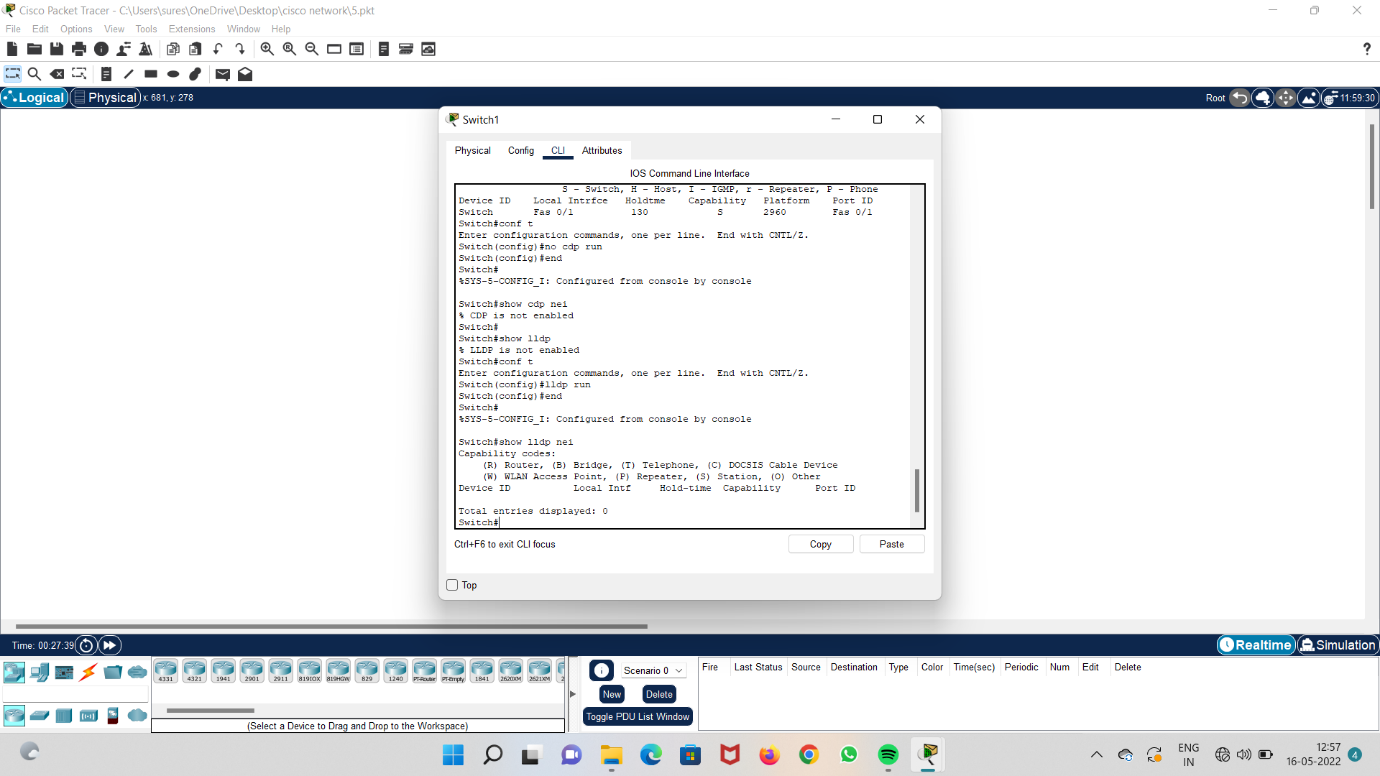
**Step 8 : run cdp interface f0/1 in switch one**



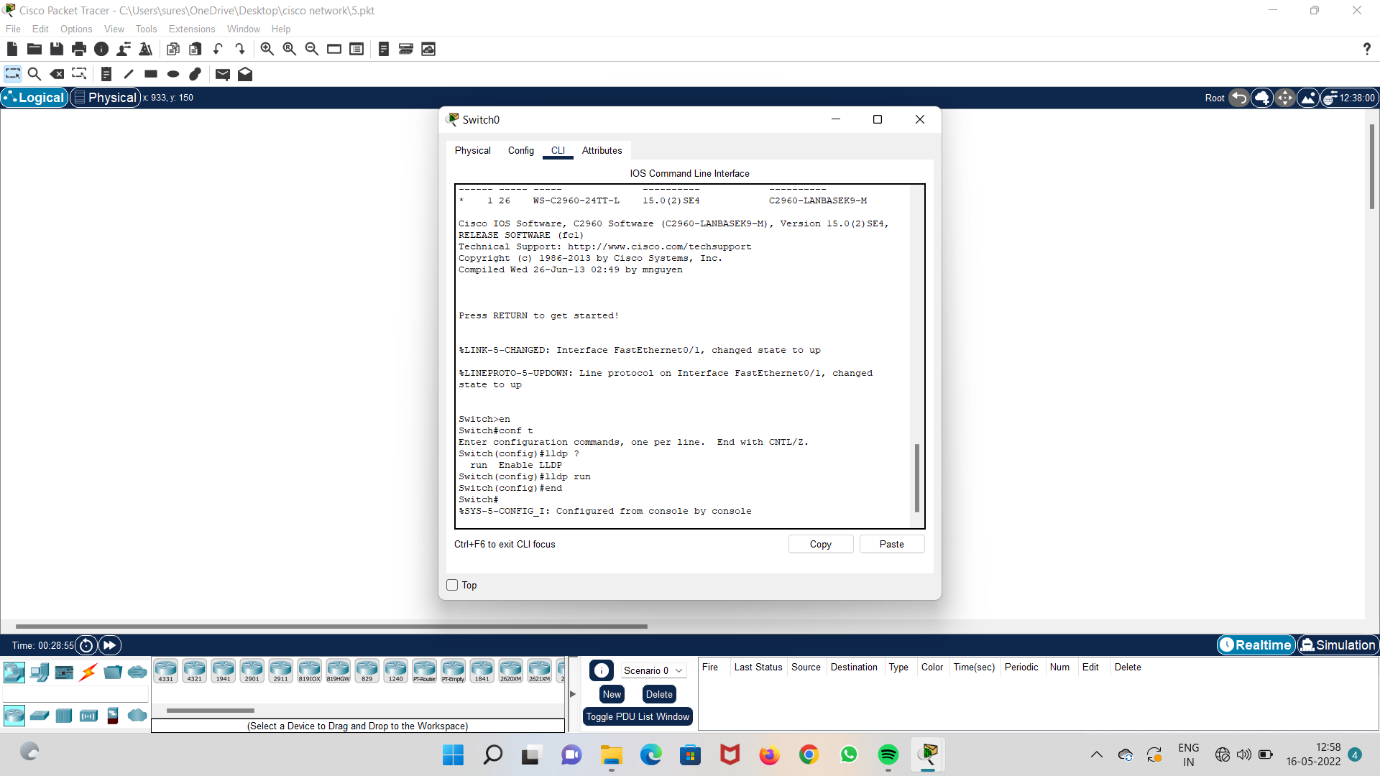
**Step 9 : clear cdp in switch one**



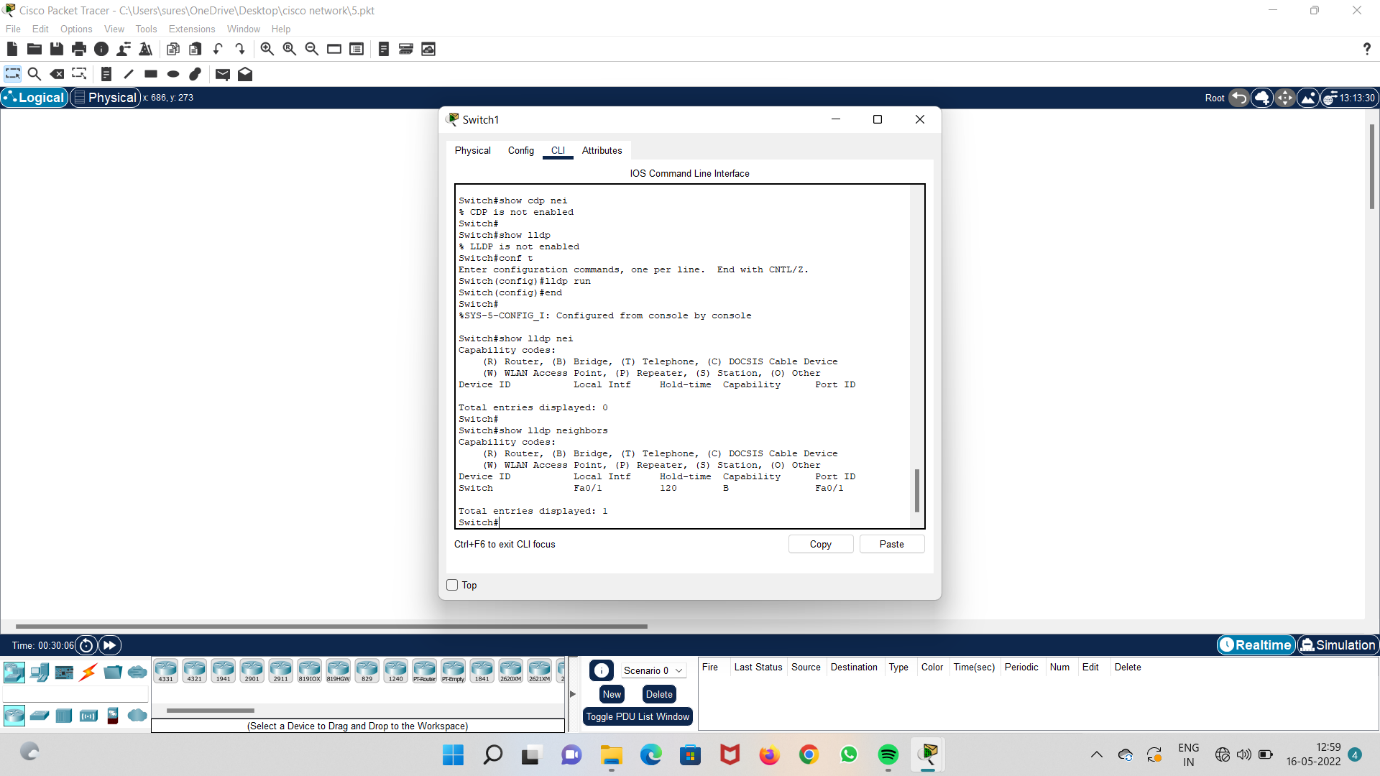
**Step 10 : check cdp nei and lldp**



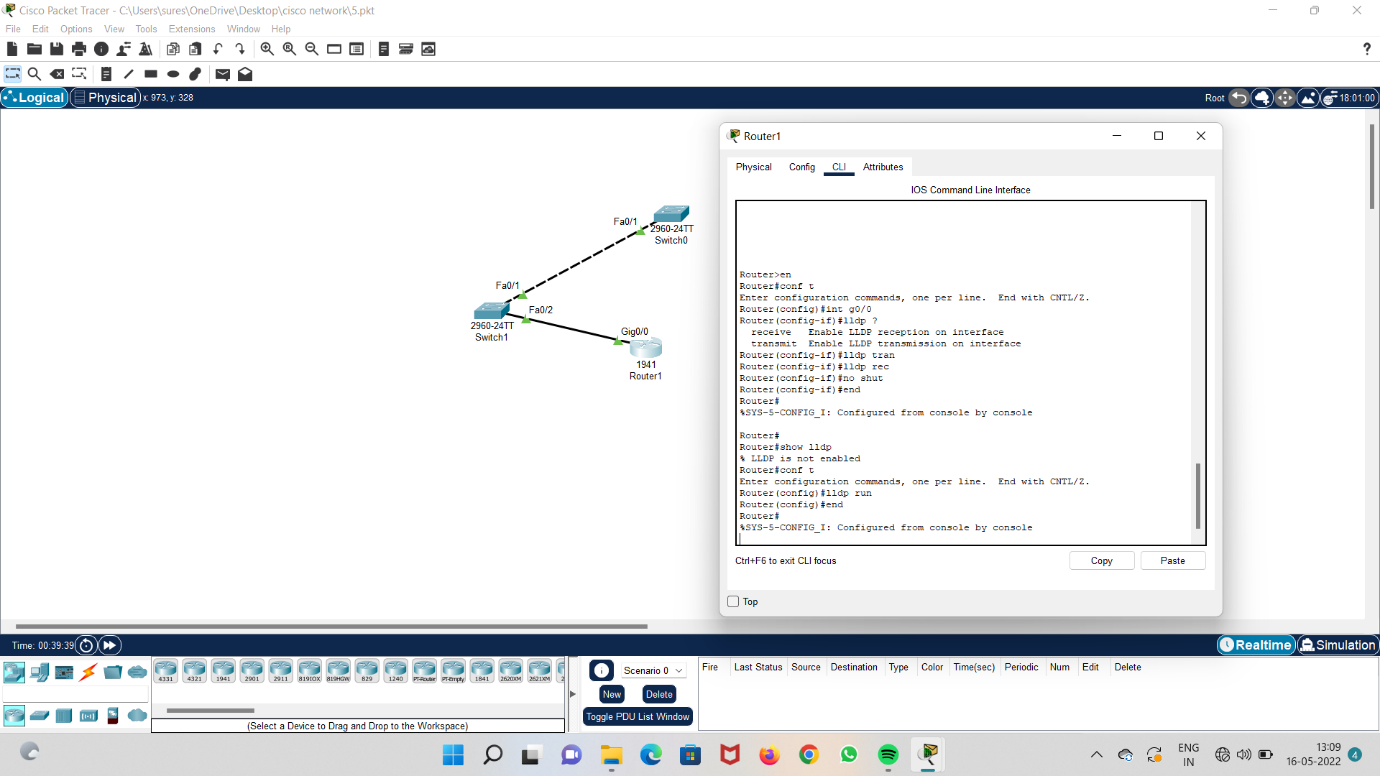
**Step 11 : Run lldp switch 0**



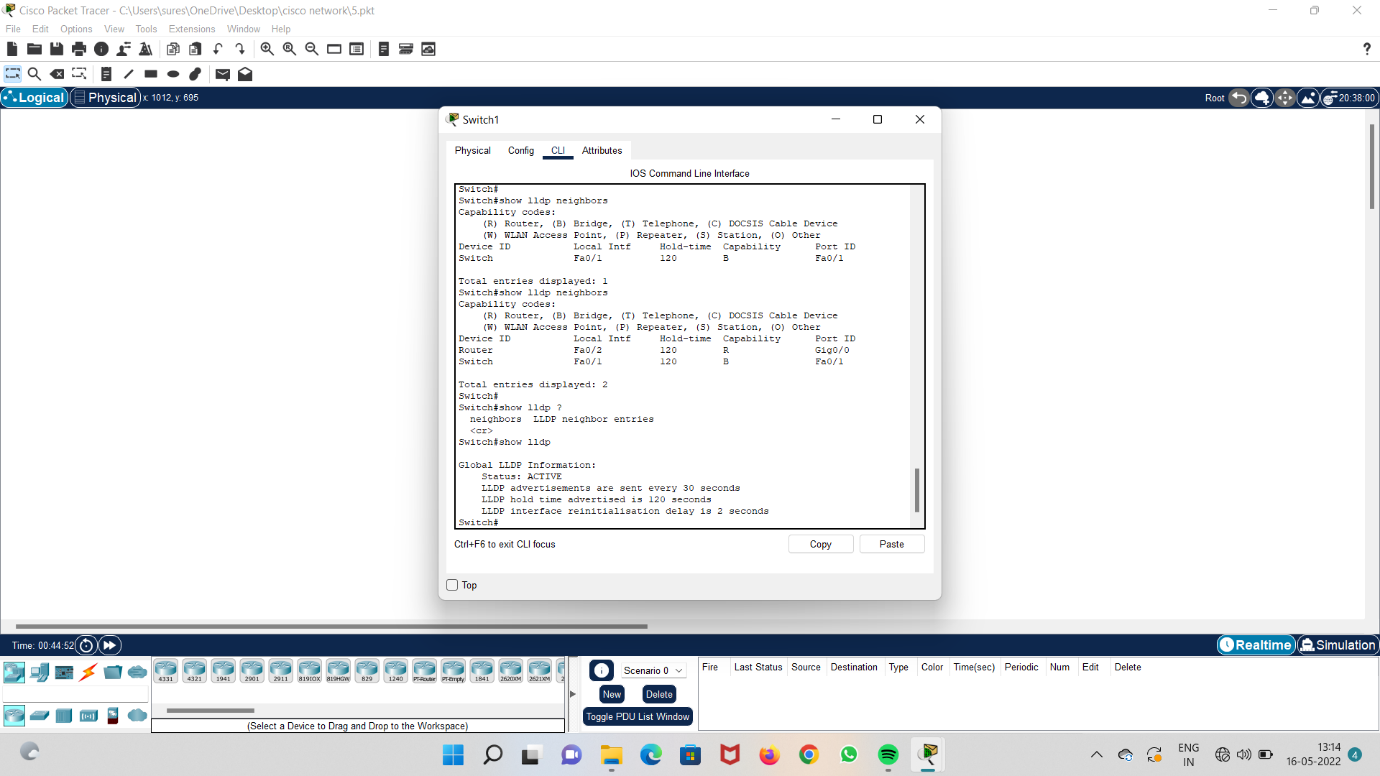
**Step 12 : run lldp in switch one**



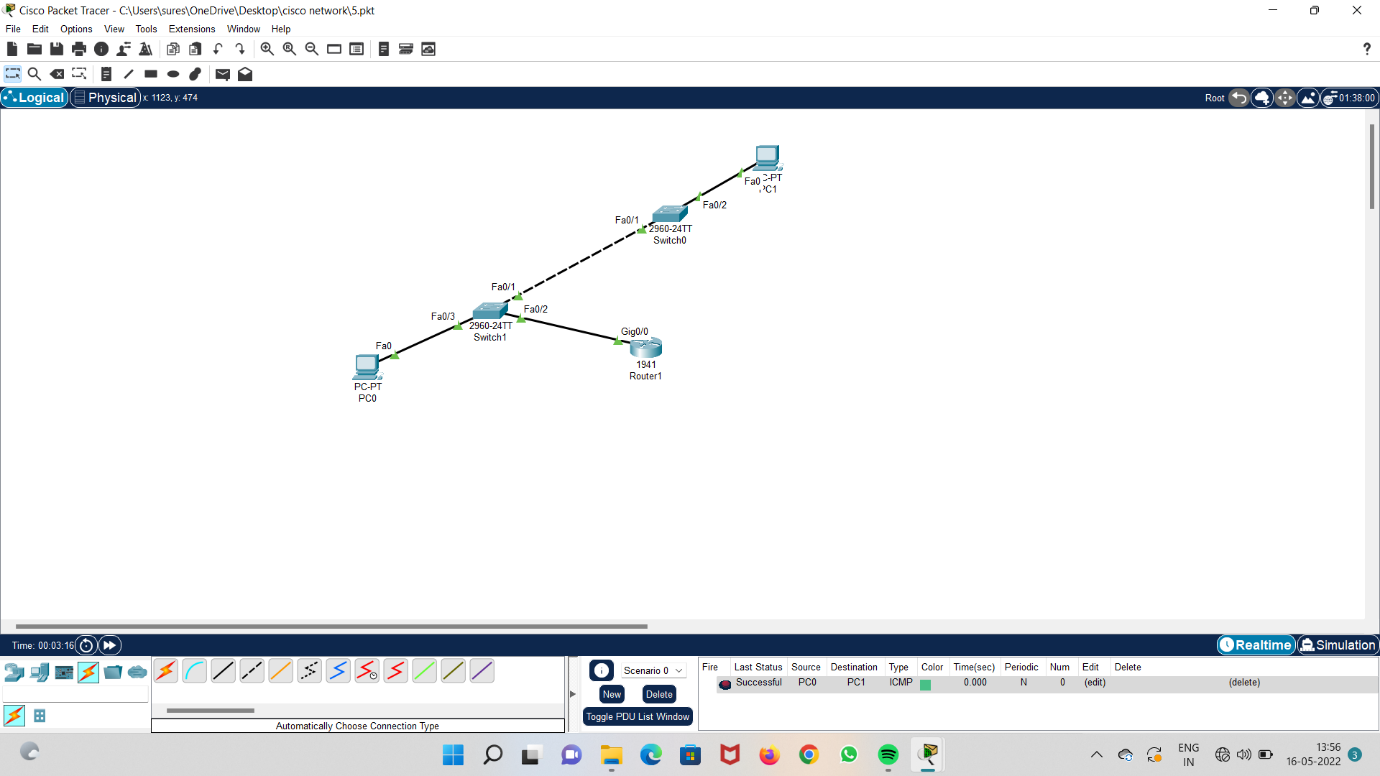
**Step 13 : end lldp in router**



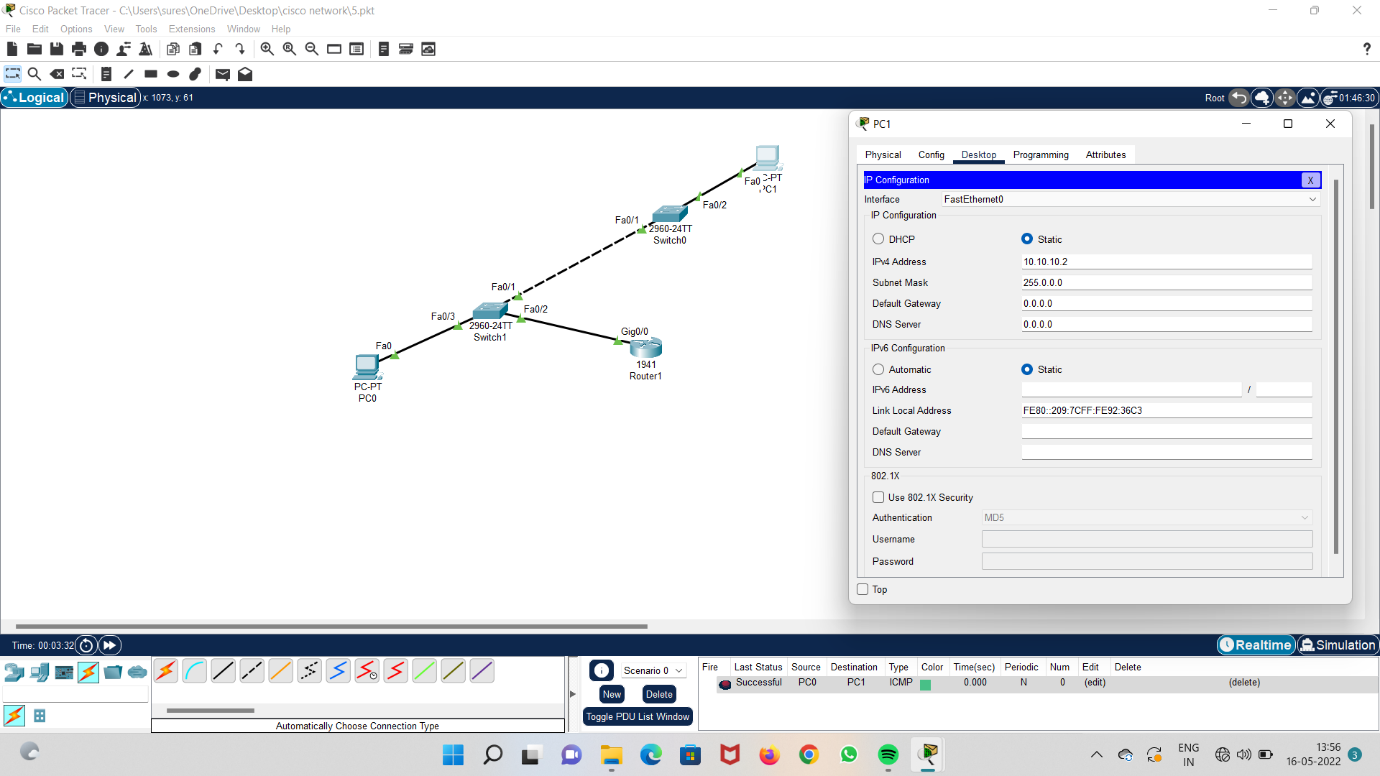
**Step 14 : check lldp status in switch one**



**Step 15 : connect two systems to the switches.**



**Step 16 : give IP address to the system.**



**Step 17 : run the system and check acknowledgement**

