

Computer Networks (CL3001)



CN LAB 04

Submitted by:

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23K-0070

BS-AI (6A)

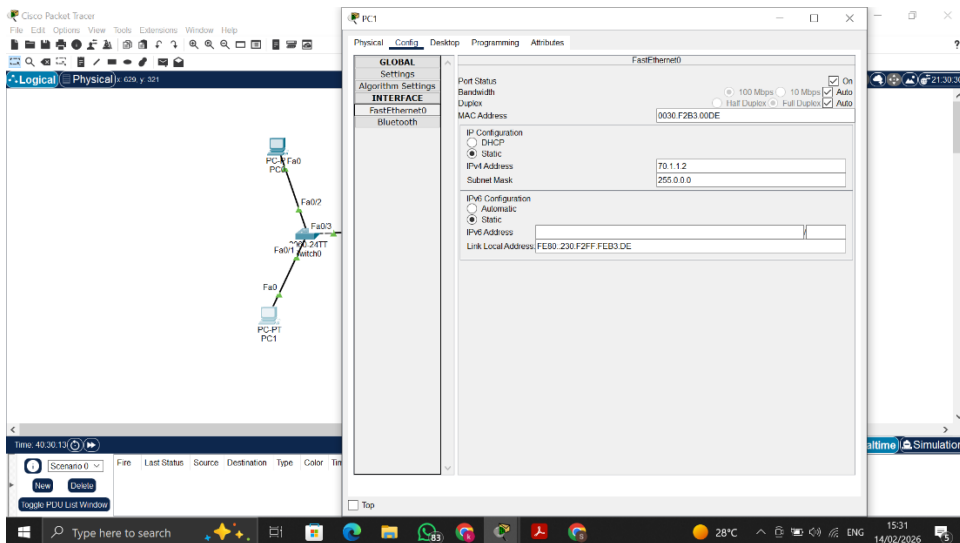
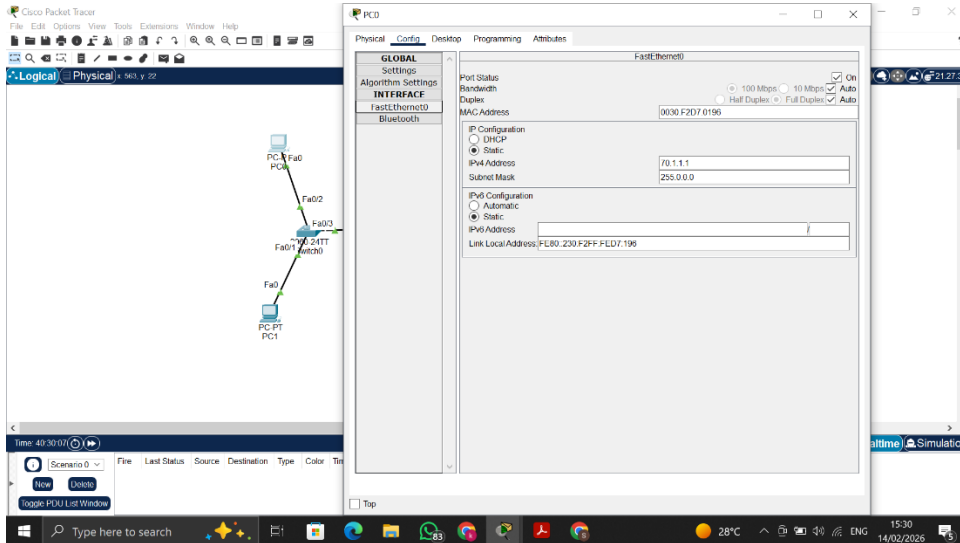
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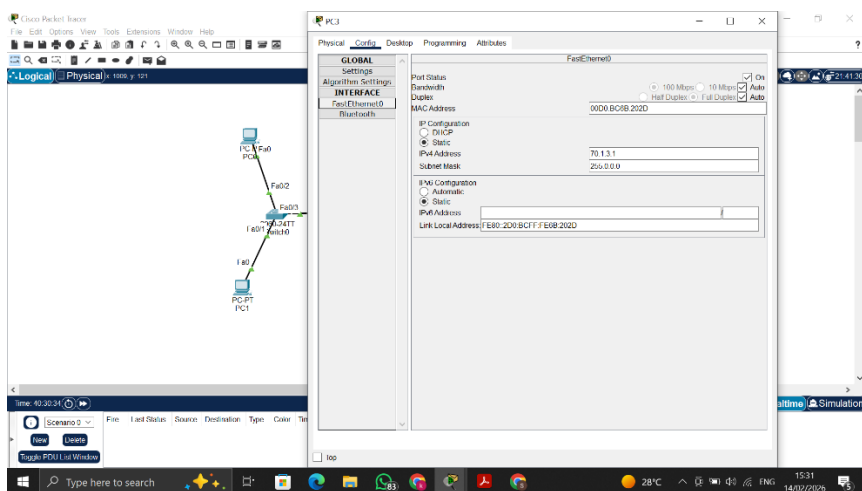
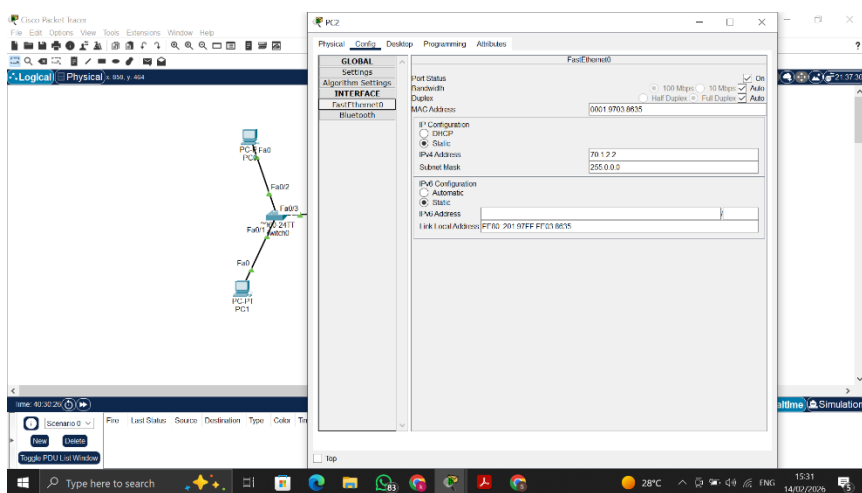
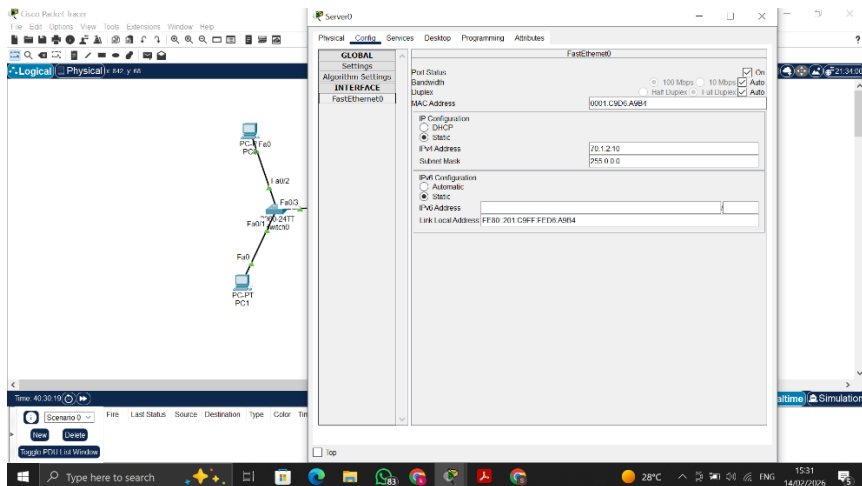
Sir Sameer Faisal

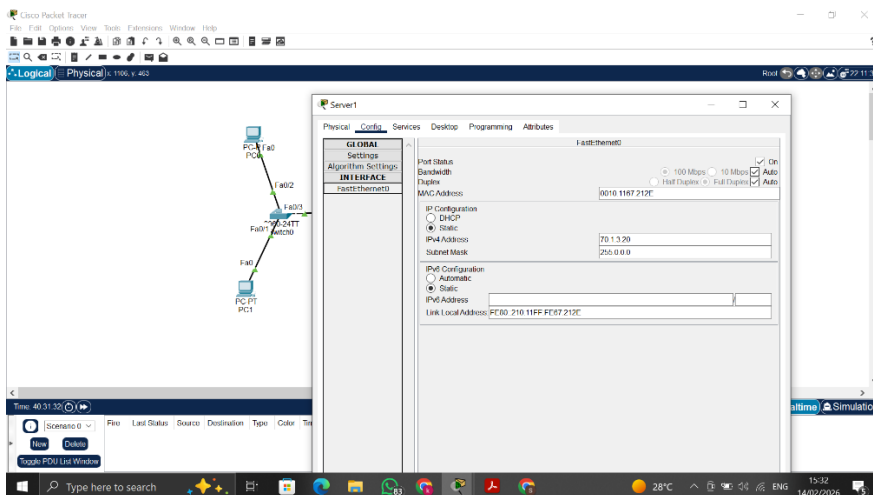
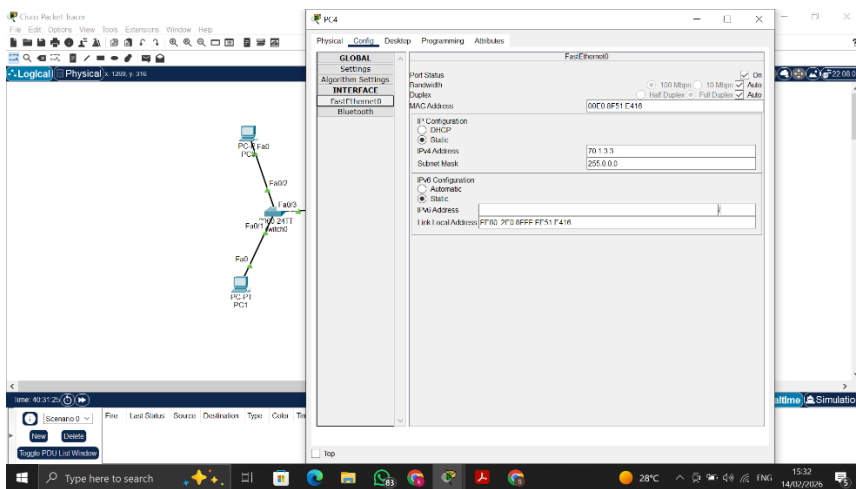
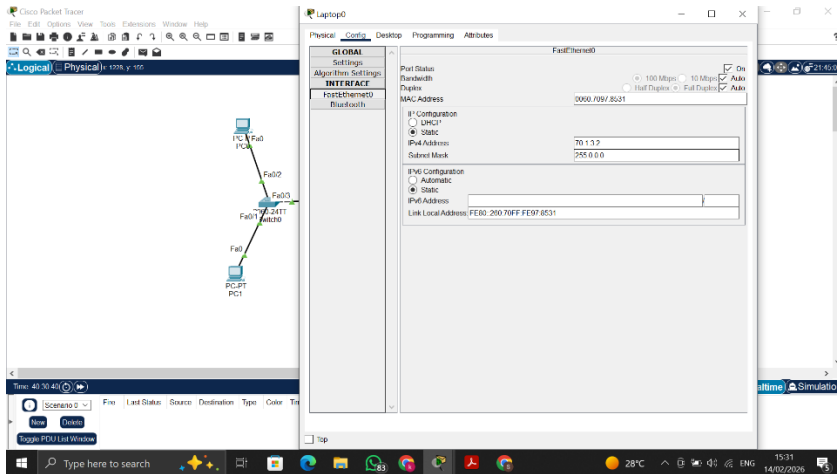
Lab Tasks 1:

- 1) Assign an IP to the computers. The Network should like this $XX.XX.YY.0$. i.e. your roll number like 3879(38.79.1.0) and for all other networks Y should be replaced by 2, 3 and so on.

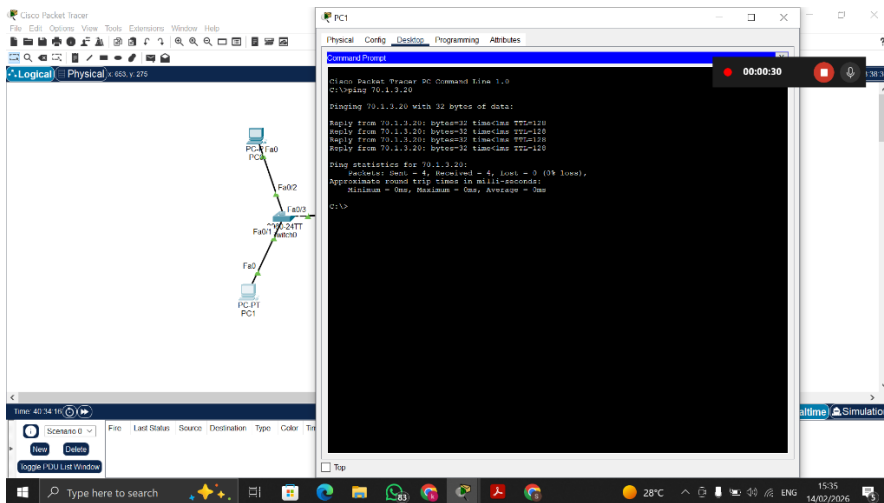
My roll no is: 0070 00.70 was an invalid IP, so instead I use the network as 70.0.0.0
Moreover, in this topology, there was only one network.



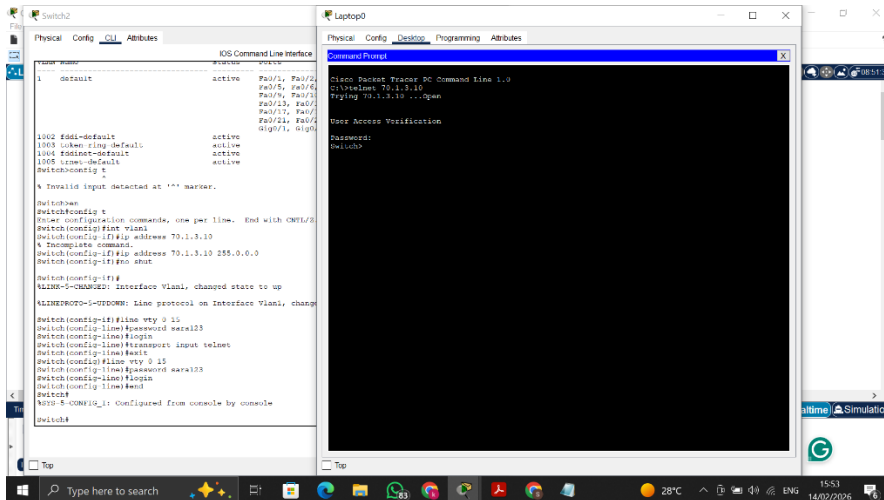


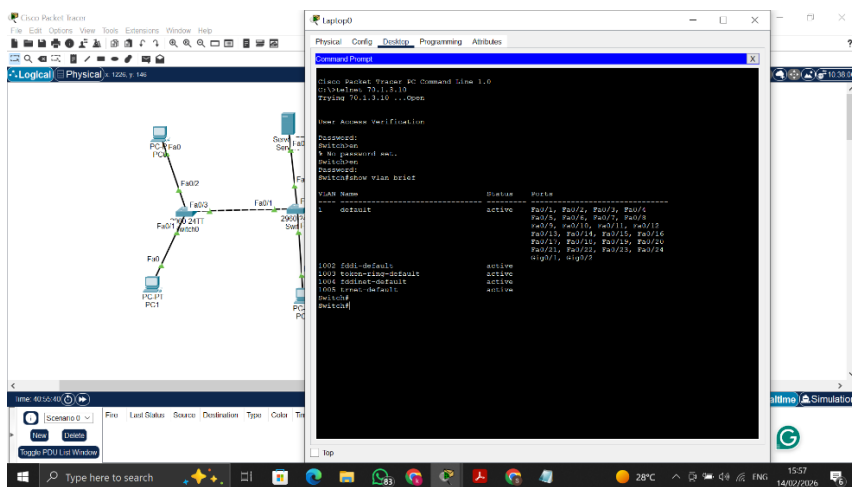


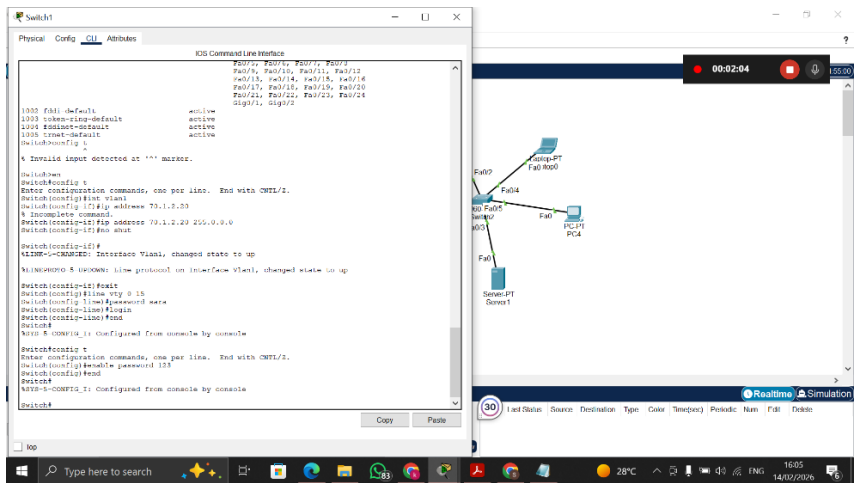
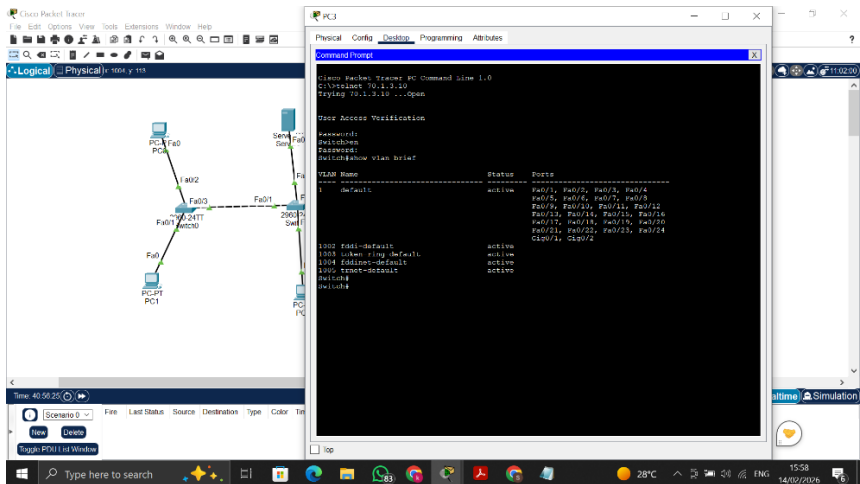
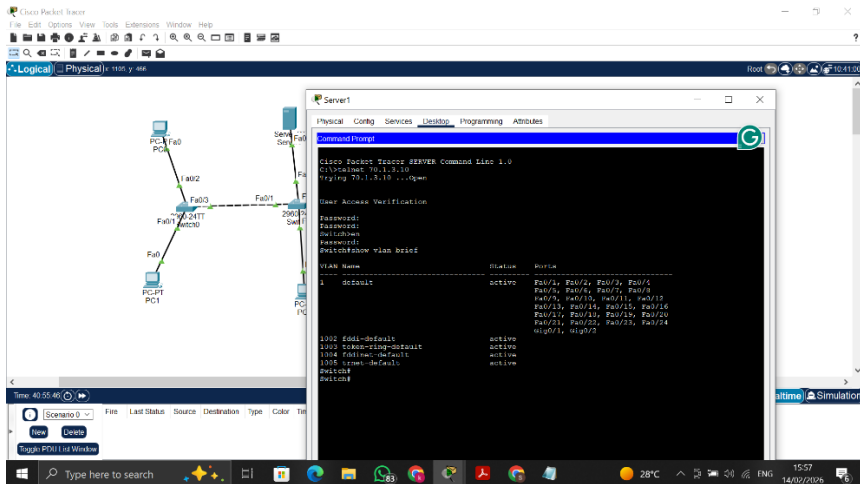
2) *Ping the server from any computer.*

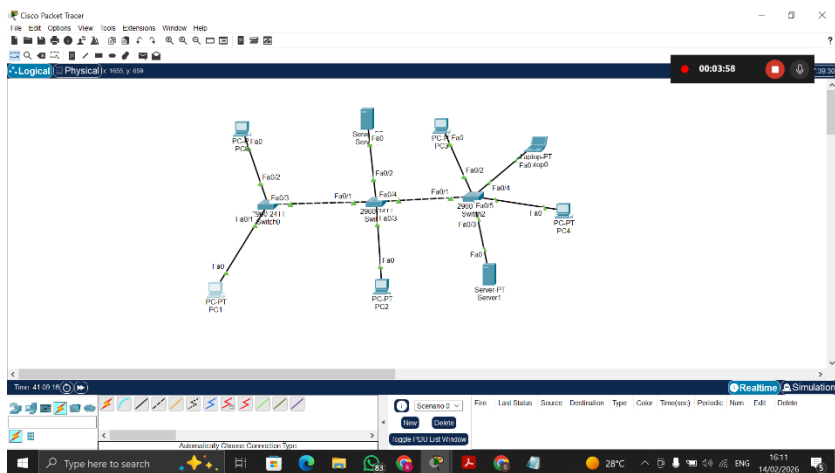
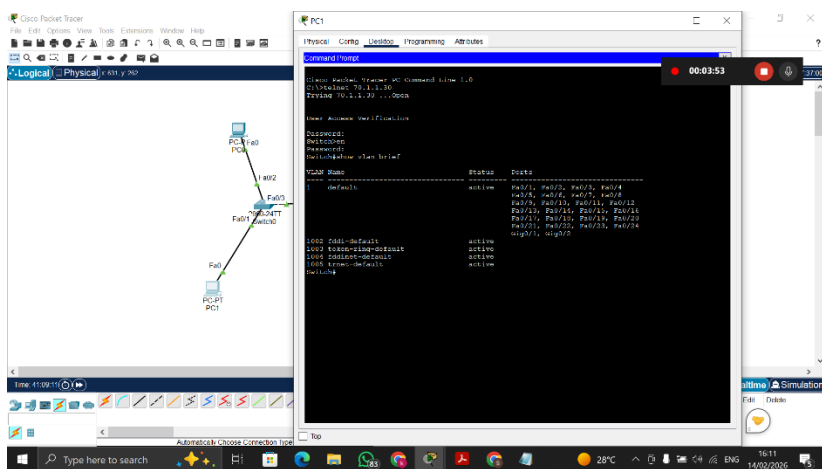
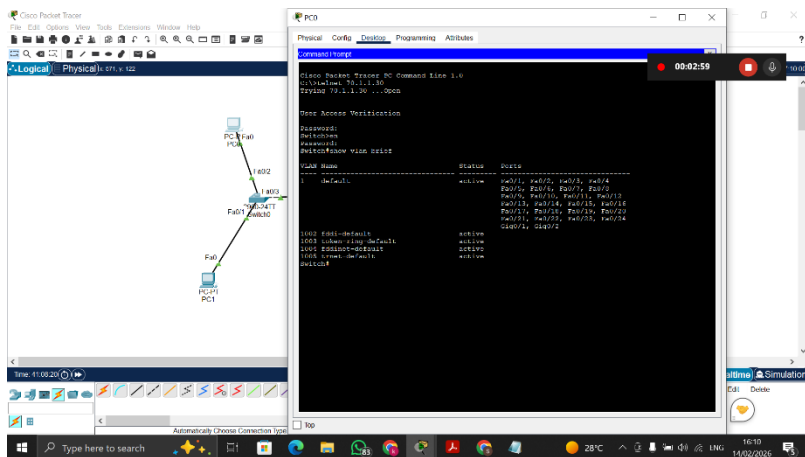


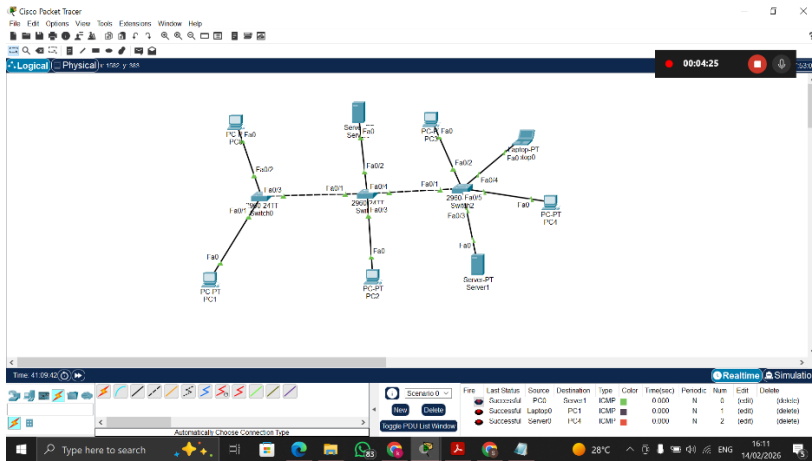
3) *Verify the telnet connection from all switches nearest to the computer.*



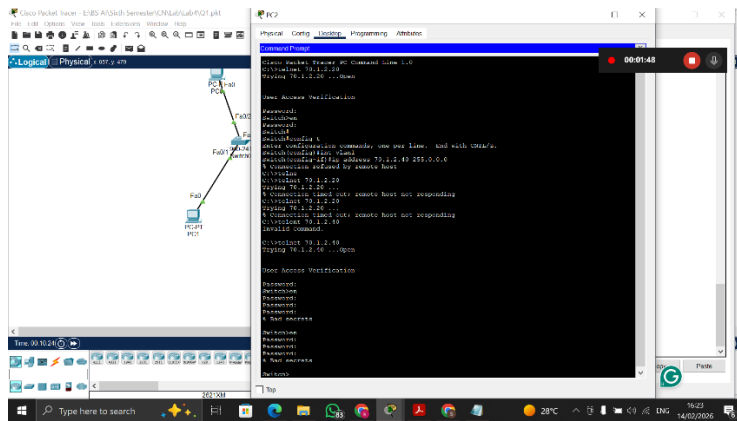




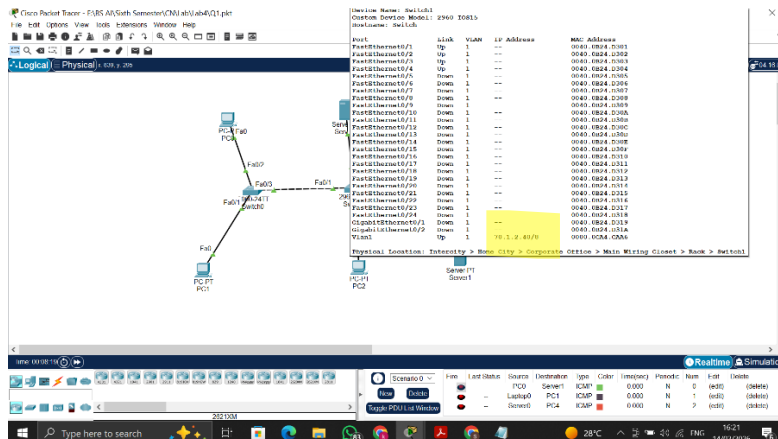




4) Do change the IP of Switch2 from PC2 using its command prompt.

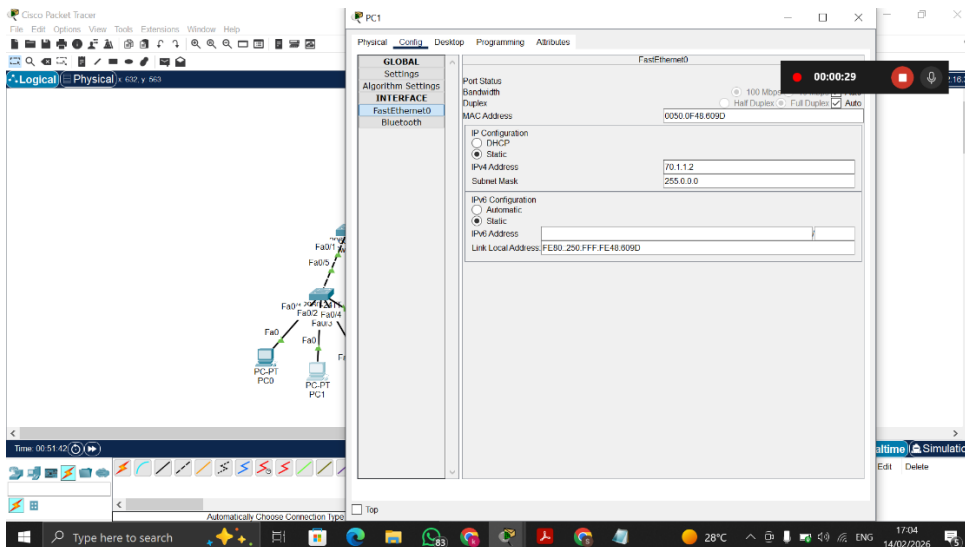
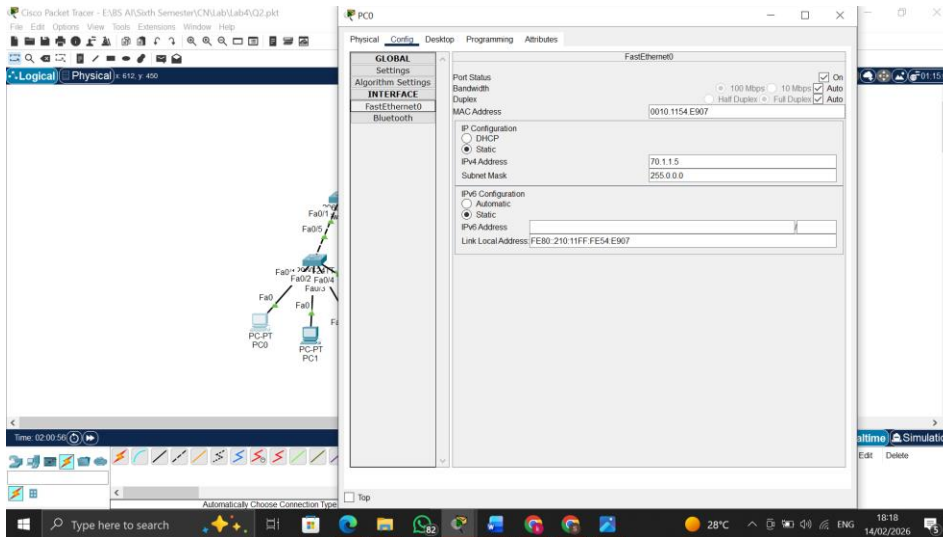


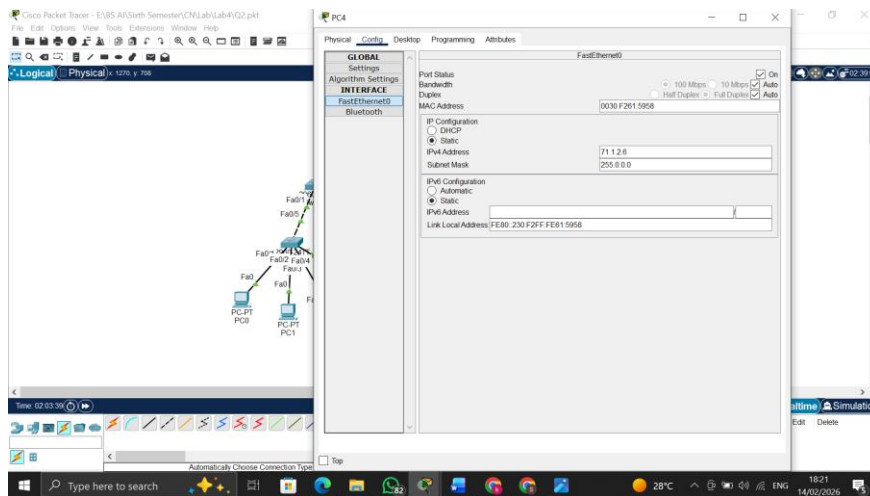
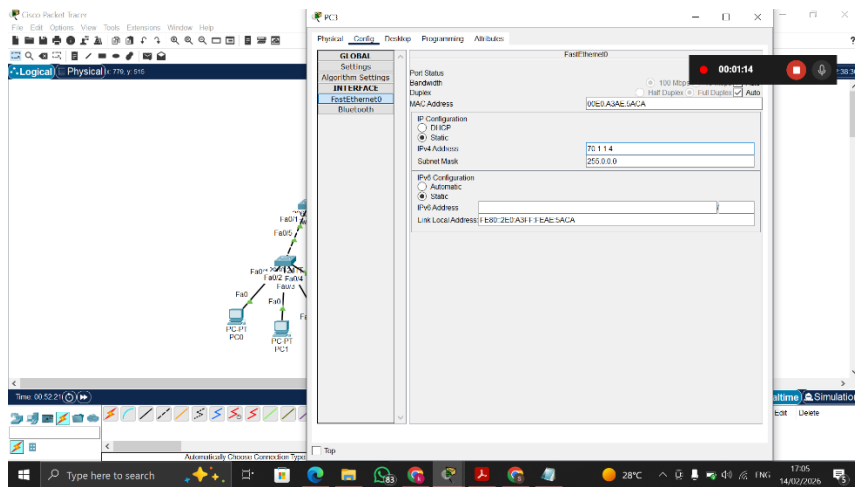
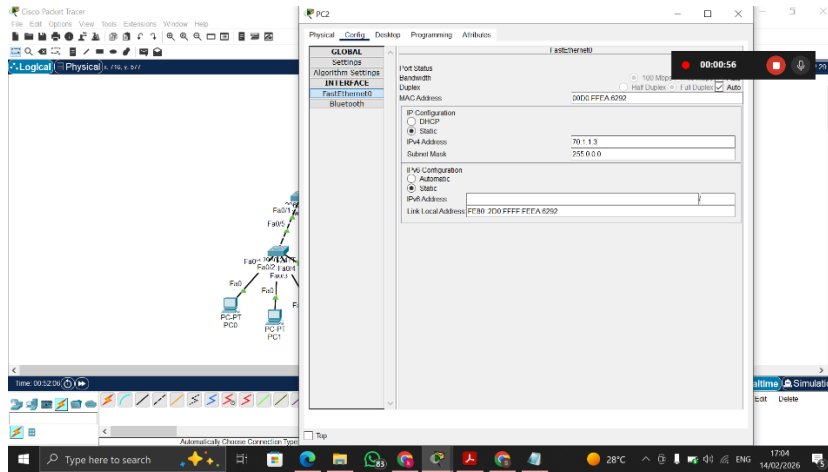
The IP was changed:

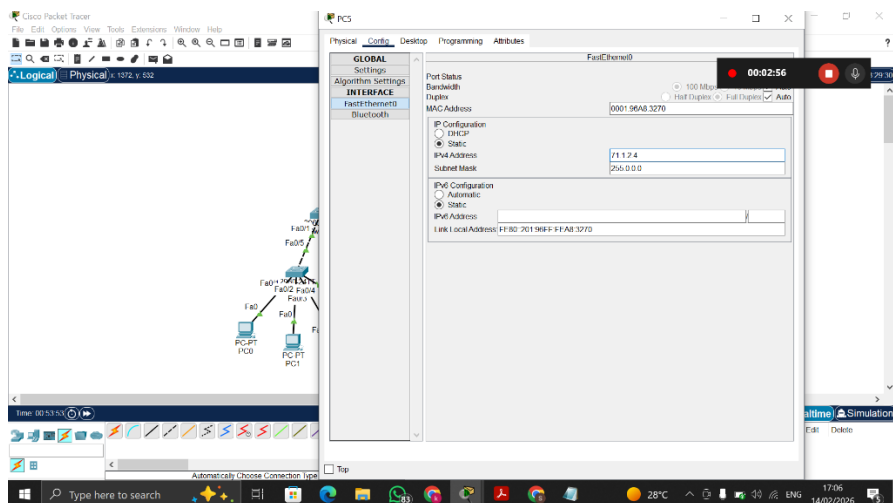
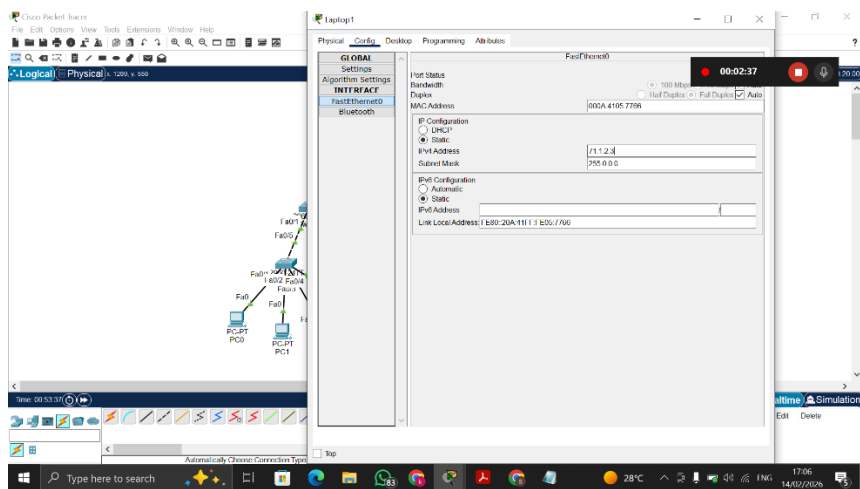
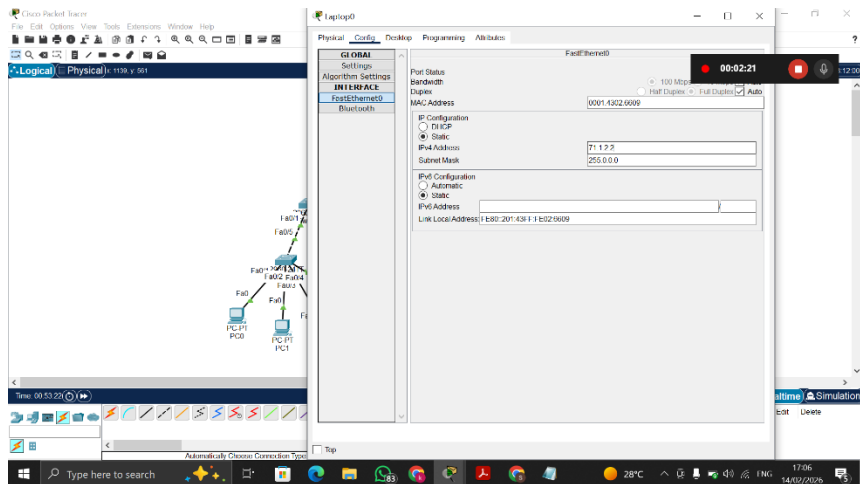


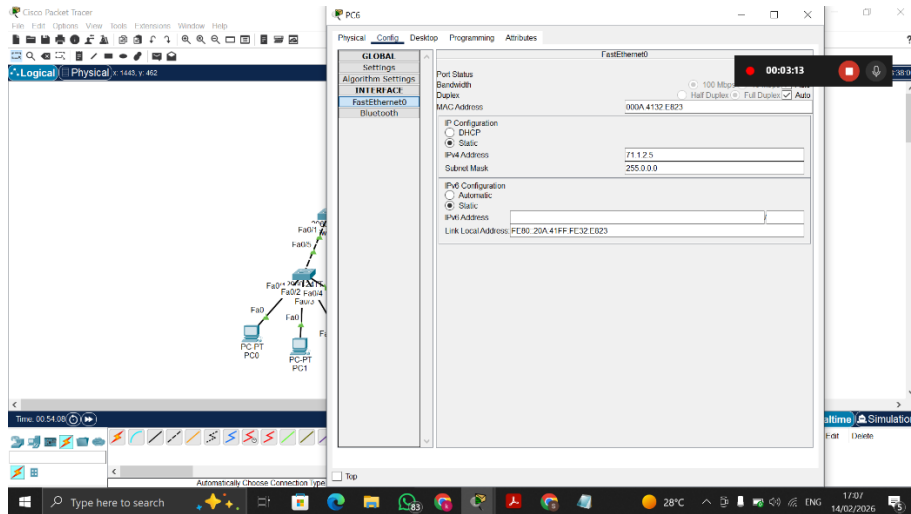
Lab Tasks 2:

- 1) The IPs should be assigned to the computer using a static method and to the router using CLI. The Network on one side of FastEthernet should be XX.XX.YY.0, i.e., your roll number, such as 3879 (38.79.1.0), and on the other side, it should be 3880 (38.80.2.0).









- 2) *Verify SSH and assign an IP to another interface of the router. It should be done through laptop 0. Take a screenshot of it.*

