Computer Network Lab
(CSE 303L)
Assignment

Name: Prafull Raj
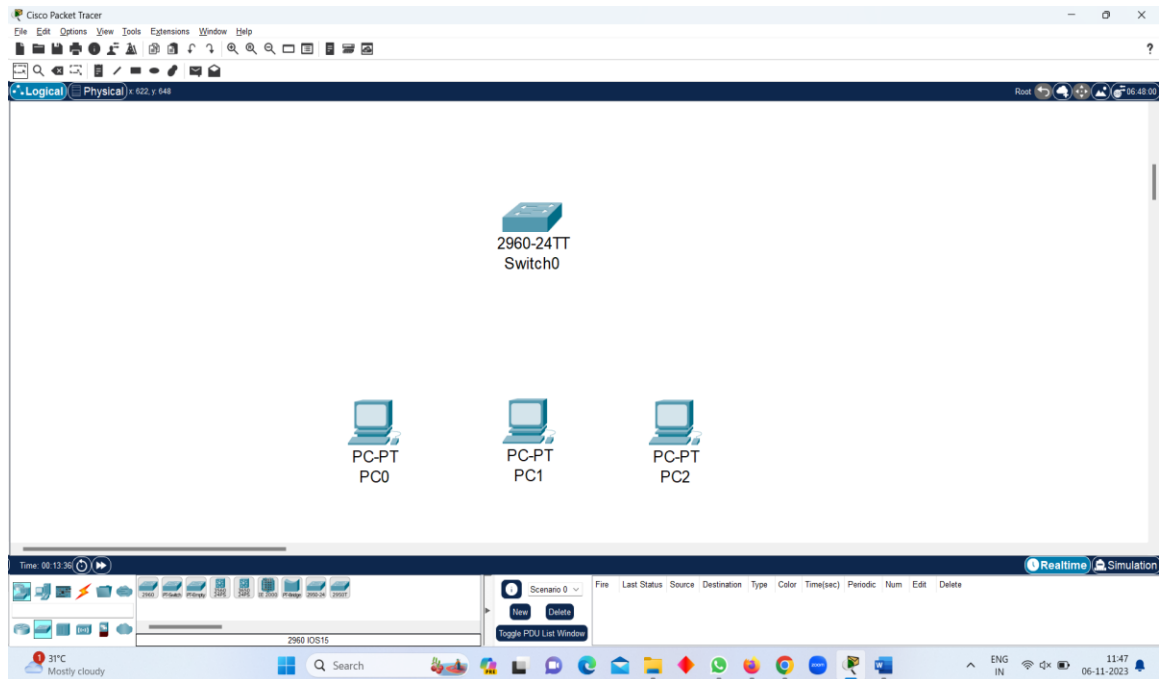
Roll NO.: AP21110011016
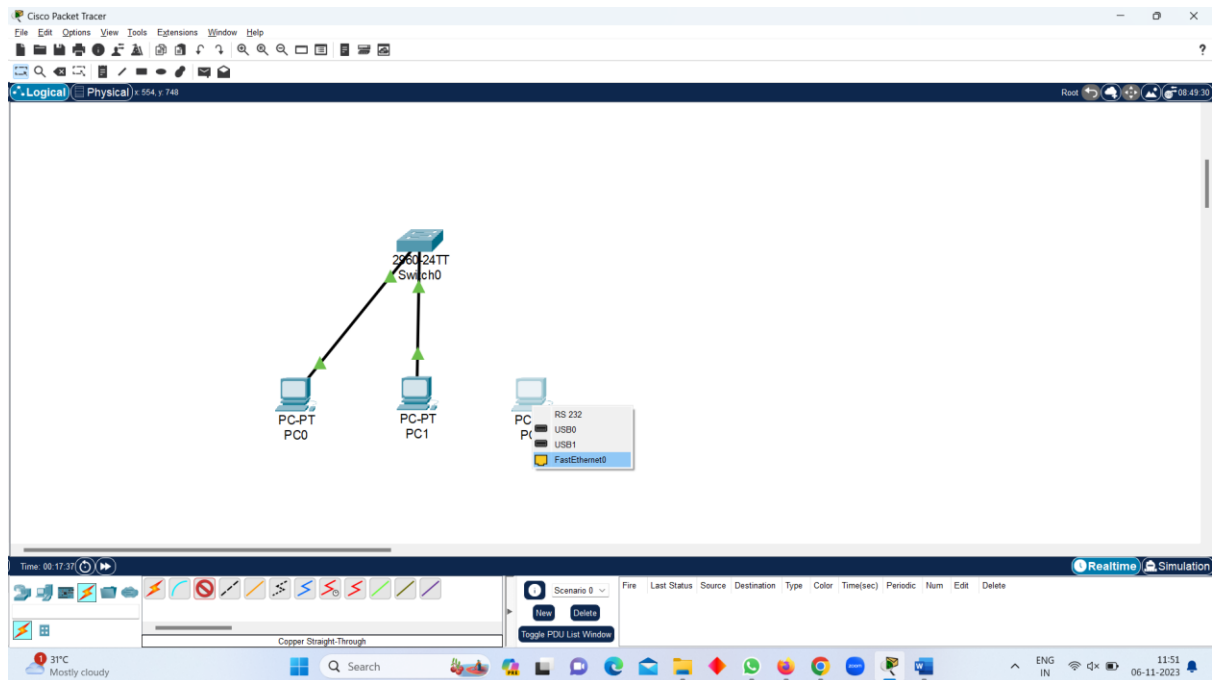
Dept: CSE

Section: P

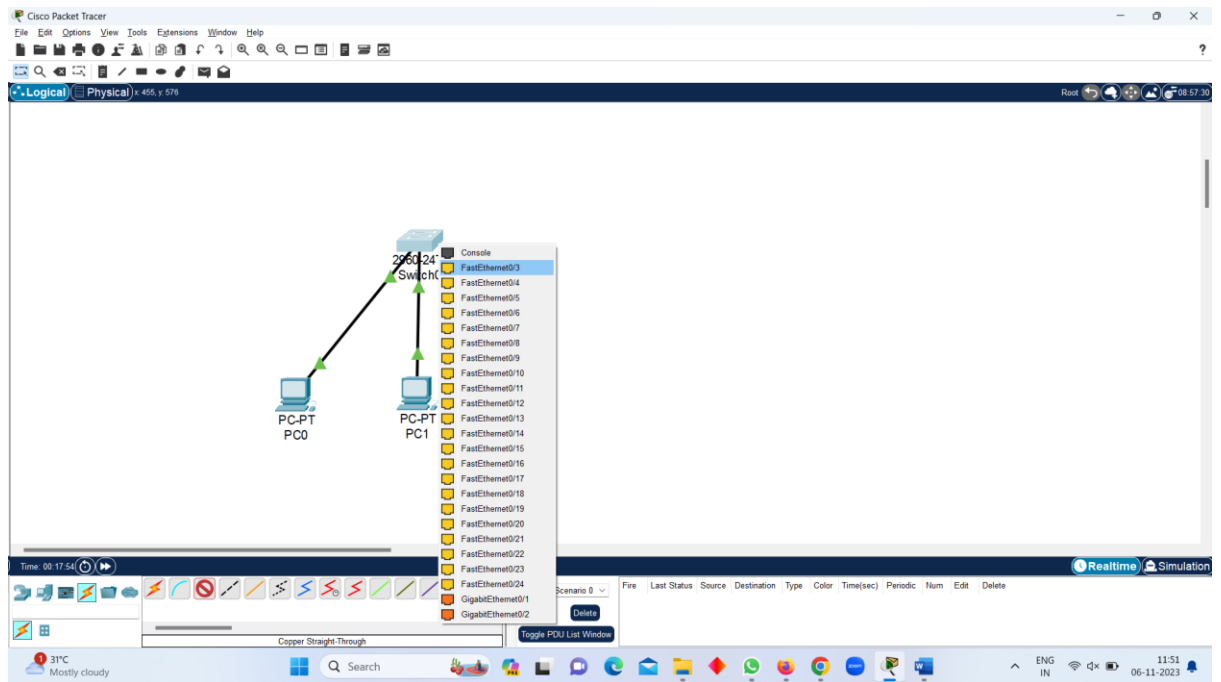Q. Simulate the subnetting concept using Packet Tracer

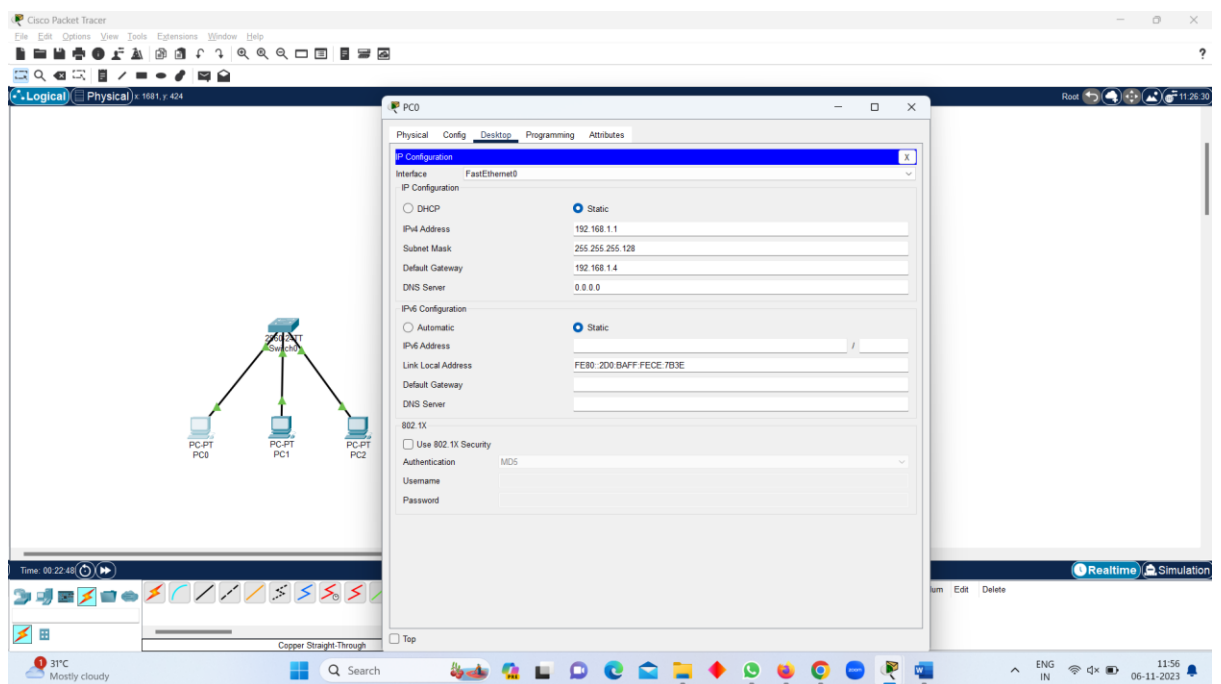Step 1: LAN 1 creation

- Select 3 PC's and one switch

- Connect all the PC's with switch1 by Copper Straight-Through Cabel
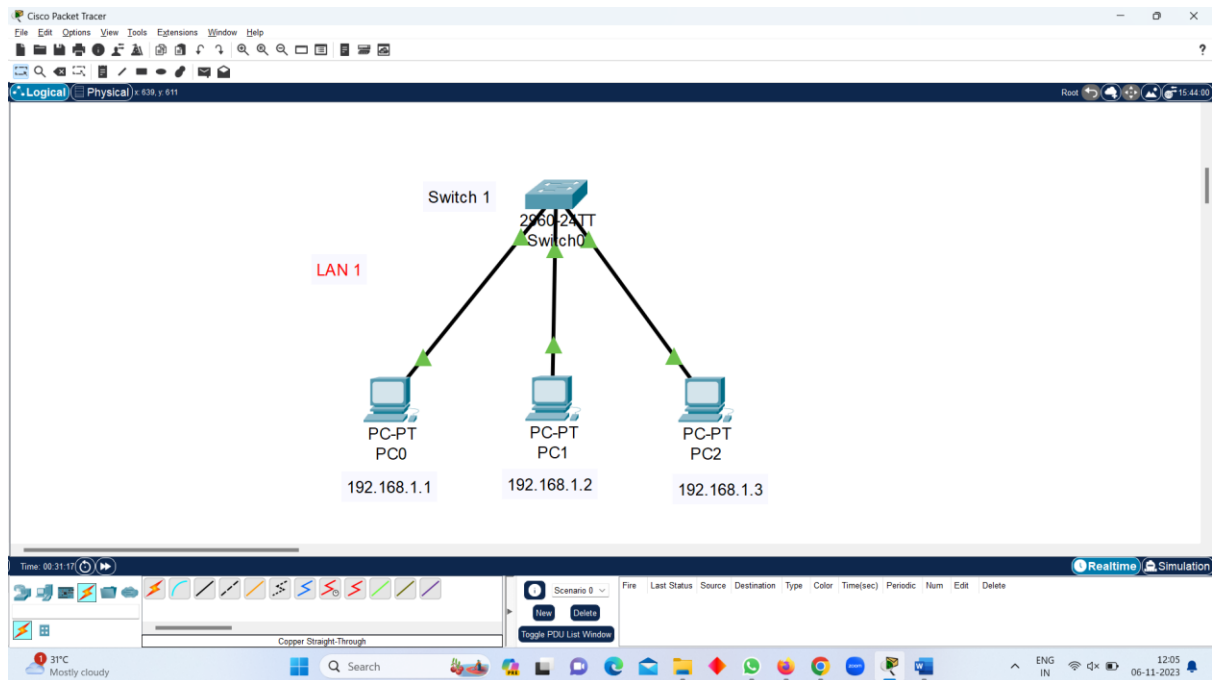
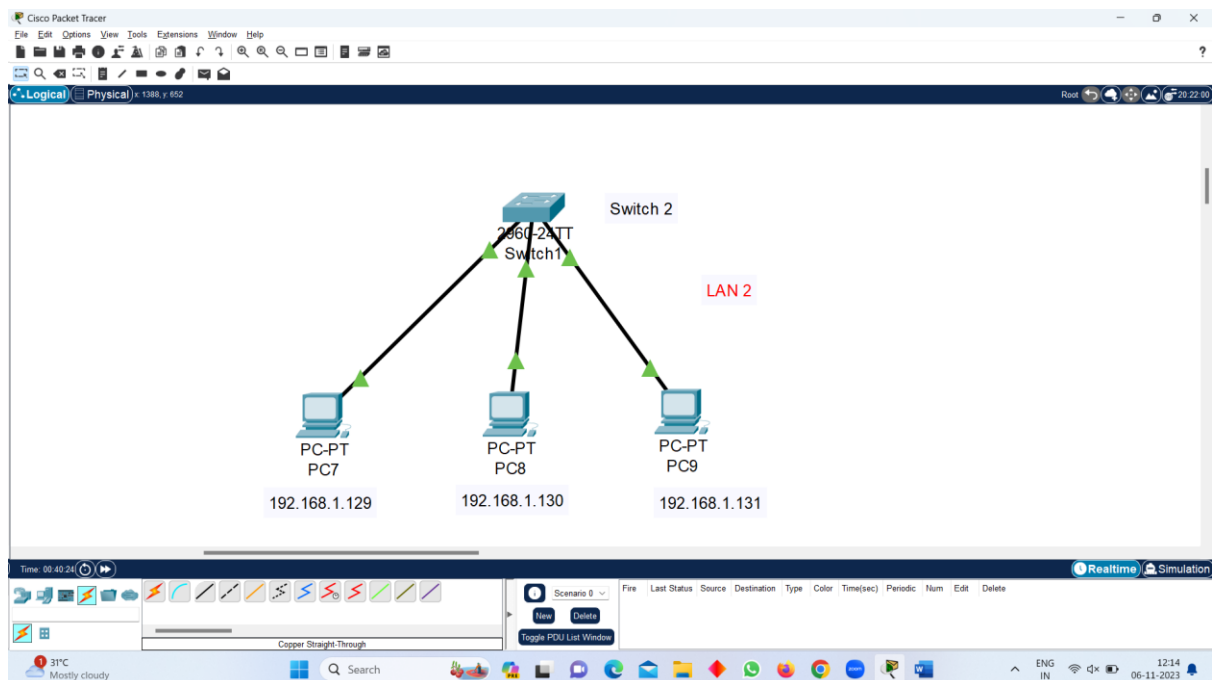- Give IPv4 address, Subnetmask, Default Gateway to all the PC's of LAN1
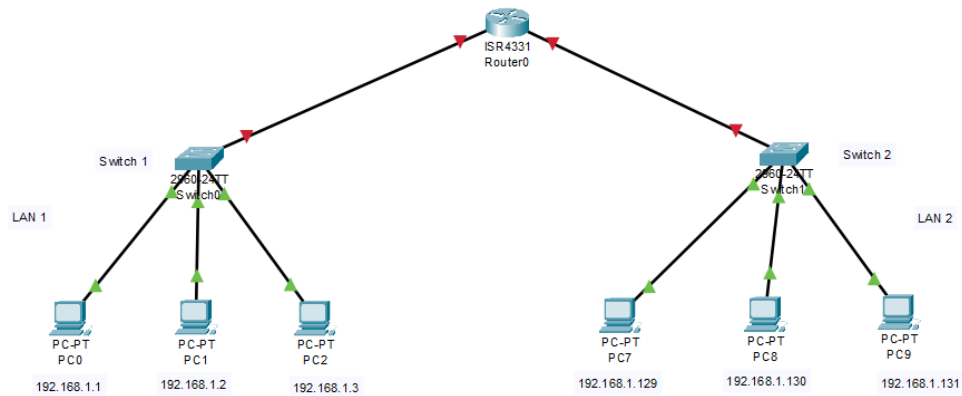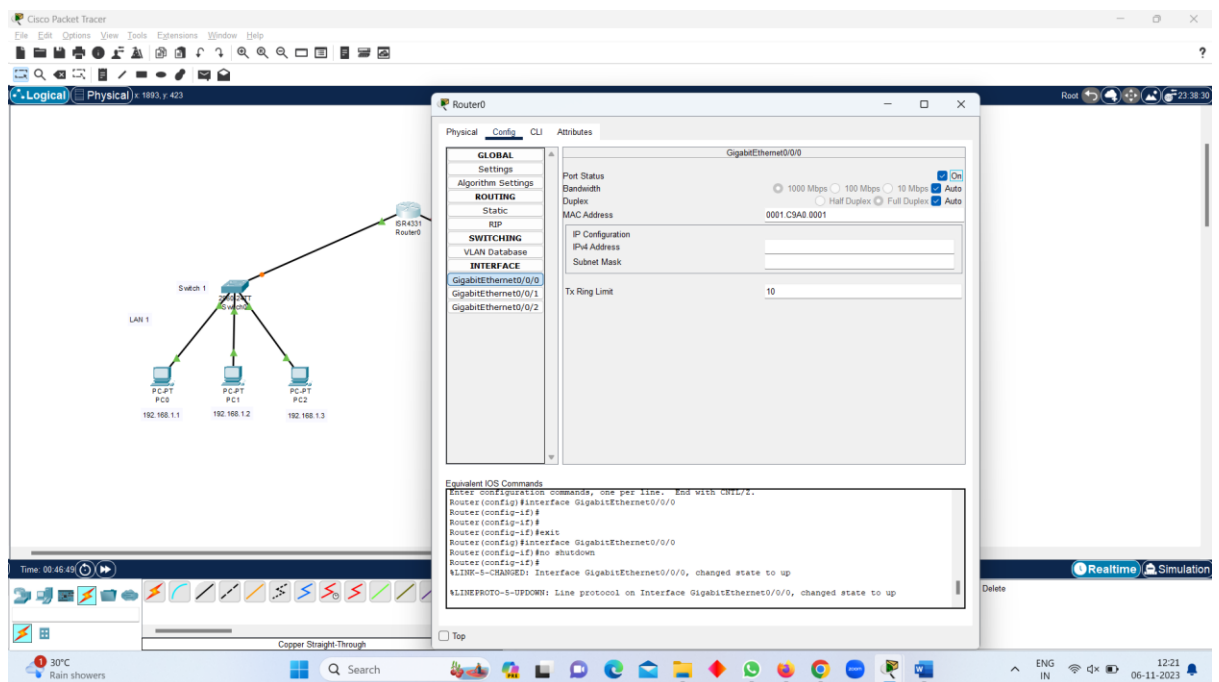
- Final LAN1 displayed

Step 2: LAN 2 creation

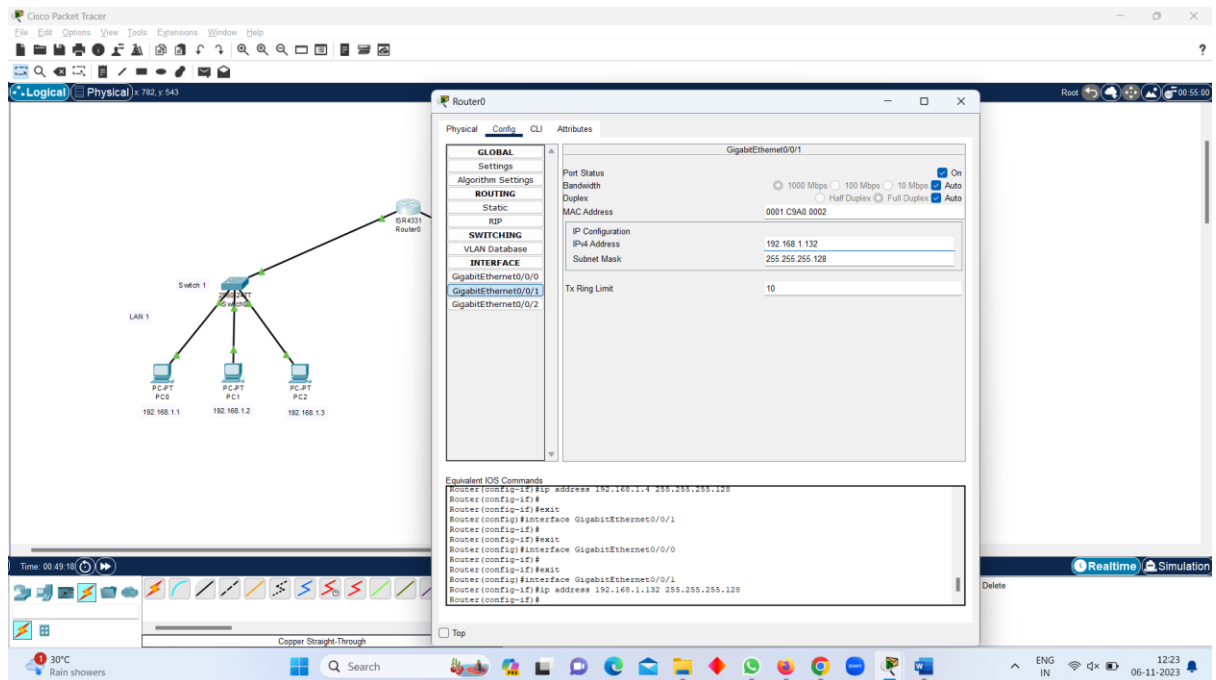- Accordingly we will create for LAN 2 just like LAN 1 we created above

Step 3: Now we will connect both LAN 1 and LAN 2 to the Router using Copper Straight-Through Cabel

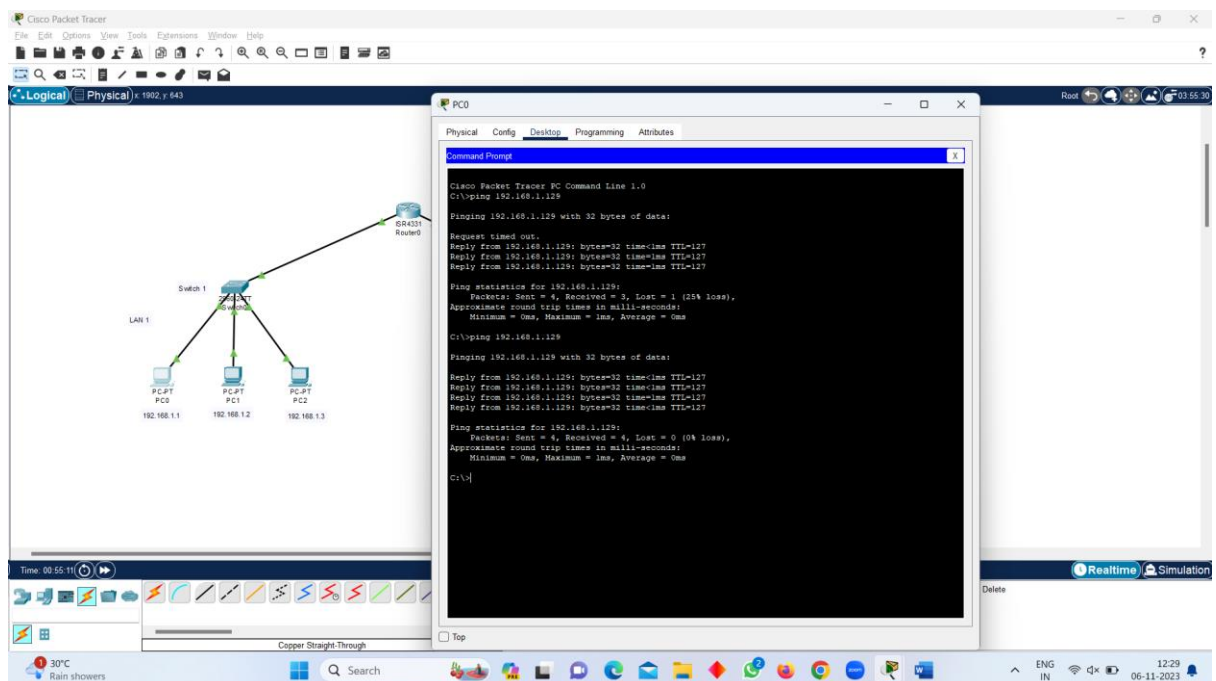- Open the router and switch on the port status for both gigabit ethernet

- Give IPv4 address and Subnetmask to the router for both the LAN's

Step 4: Now we will send the packet from LAN 1 to LAN 2 by command prompt

- IN PC1 give command ping 192.168.1.129 and it will give the result.

Step 5: Now do the simulation.