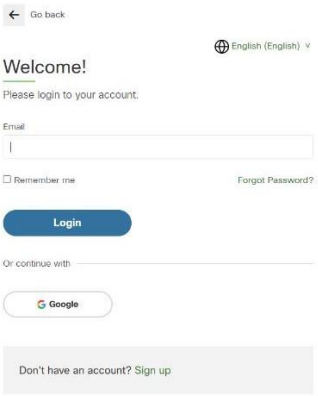
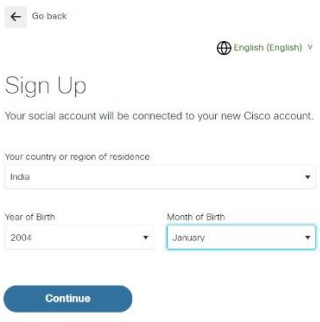
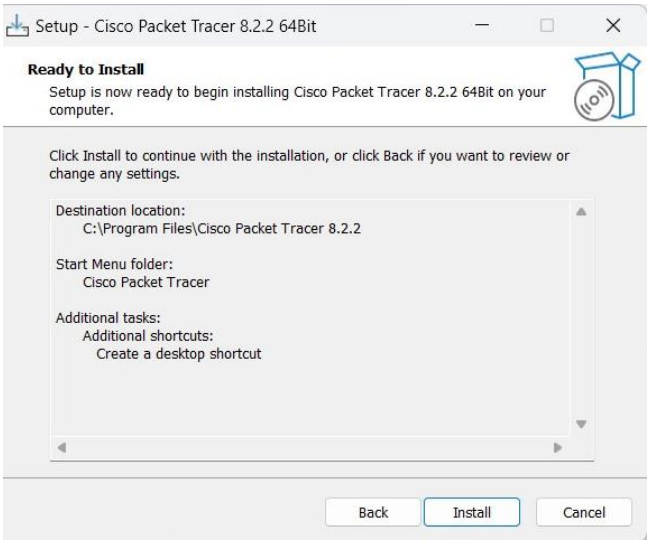
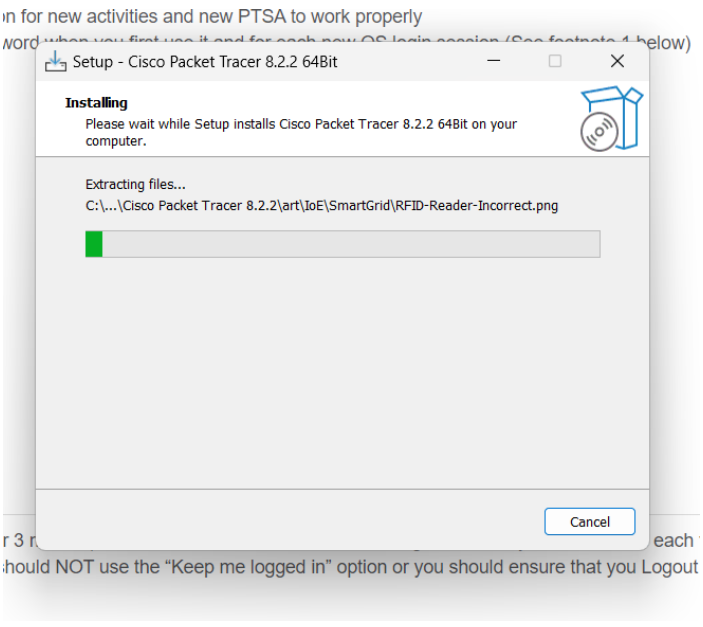
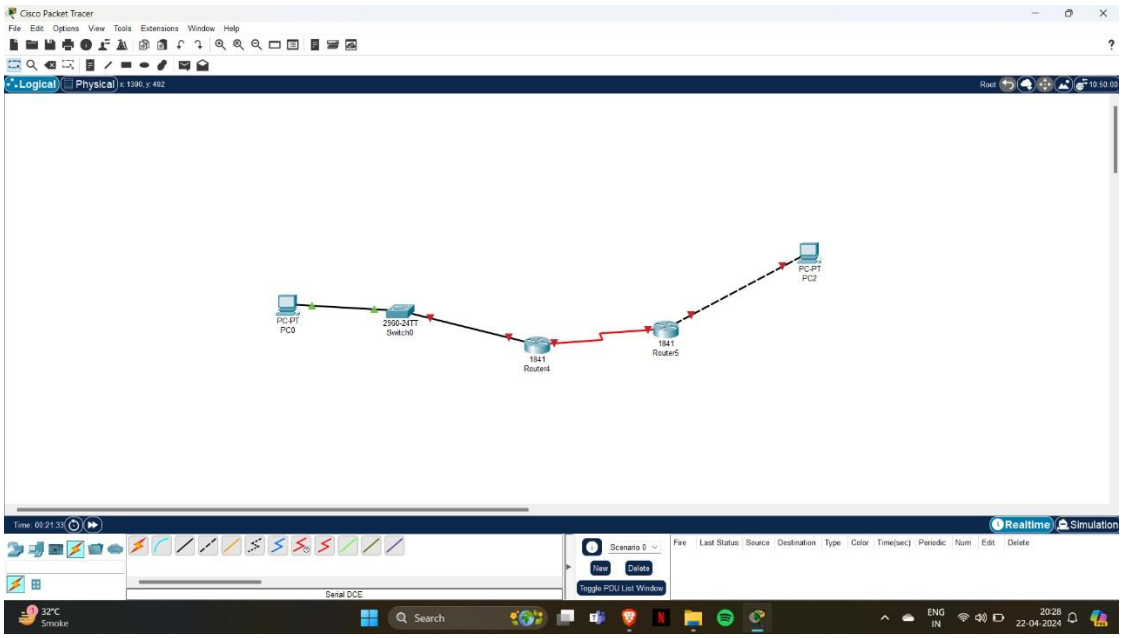
BHARATIYA VIDYA BHAVAN'S
SARDAR PATEL INSTITUTE OF TECHNOLOGY
(Empowered Autonomous Institute Affiliated to Mumbai University)
Department Of Computer Engineering

Name	Manish Shashikant Jadhav
UID	2023301005
Subject	Computer Communication and Networks (CCN)
Experiment No.	09
Aim	Experiment using Cisco Packet Tracer
Implementation	   


Setup - Cisco Packet Tracer 8.2.2 64Bit
Ready to Install
Setup is now ready to begin installing Cisco Packet Tracer 8.2.2 64Bit on your computer.
Click Install to continue with the installation, or click Back if you want to review or change any settings.
Destination location:
C:\Program Files\Cisco Packet Tracer 8.2.2
Start Menu folder:
Cisco Packet Tracer
Additional tasks:
Additional shortcuts:
Create a desktop shortcut
Back
Install
Cancel


n for new activities and new PTSA to work properly
Setup - Cisco Packet Tracer 8.2.2 64Bit
Installing
Please wait while Setup installs Cisco Packet Tracer 8.2.2 64Bit on your computer.
Extracting files...
C:\...\Cisco Packet Tracer 8.2.2\art\IoE\SmartGrid\RFID-Reader-Incorrect.png
Cancel
hould NOT use the "Keep me logged in" option or you should ensure that you Logout

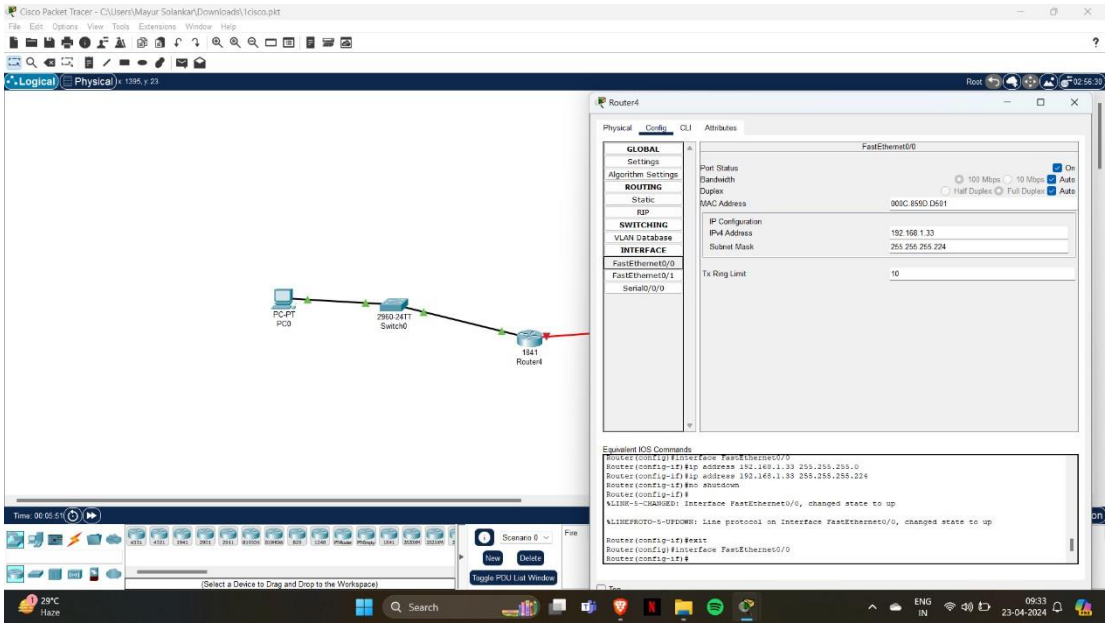
Task 1: Subnet the Address Space



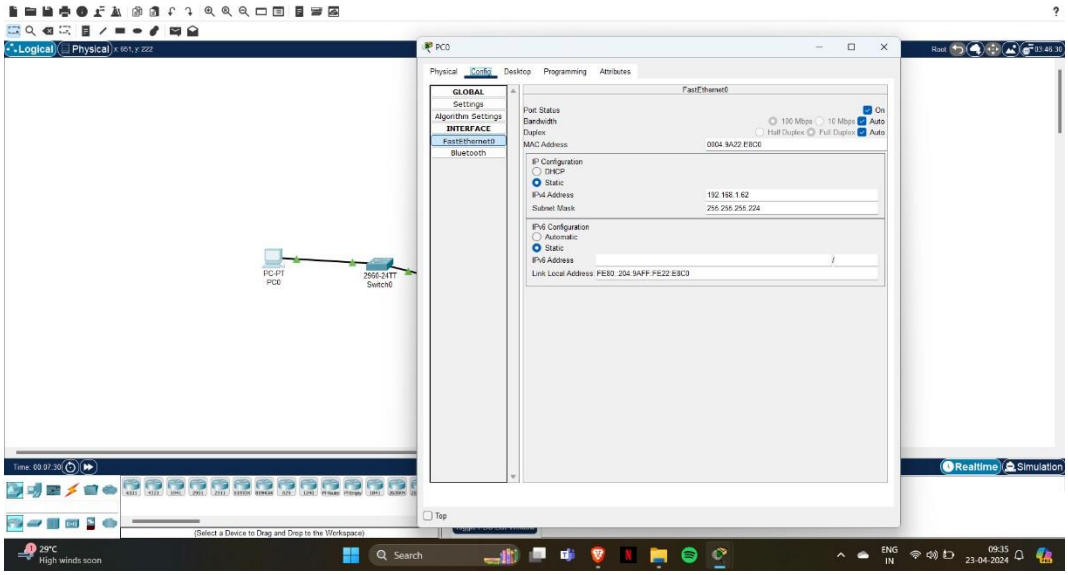
Task 2: Determine Interface Addresses.

Step 1: Assign appropriate addresses to the device interfaces.

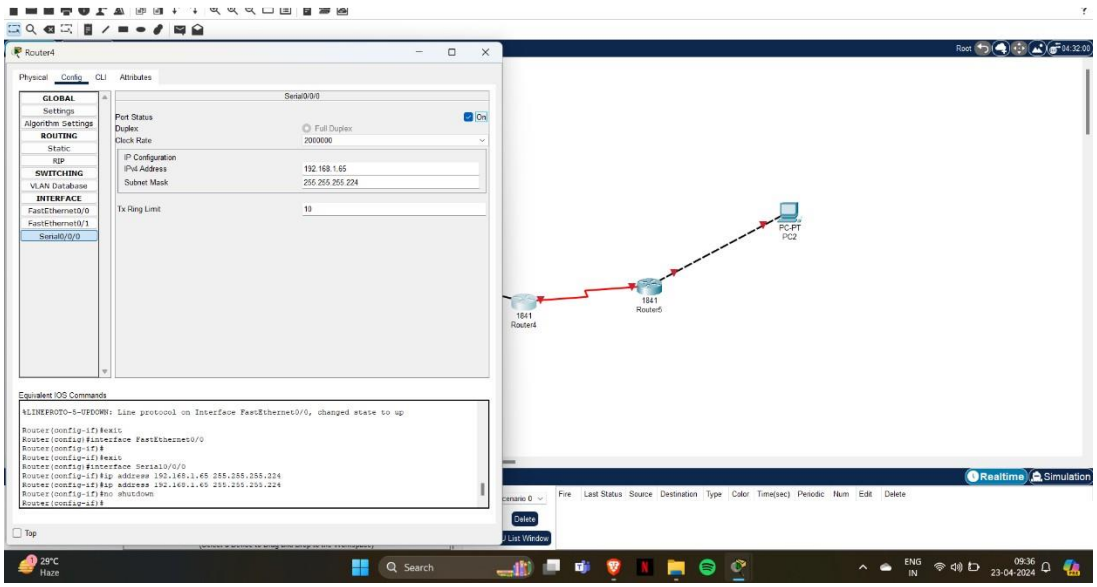
1. Assign the first valid host address in subnet 1 to the LAN interface on R1 i.e., 192.168.1.33



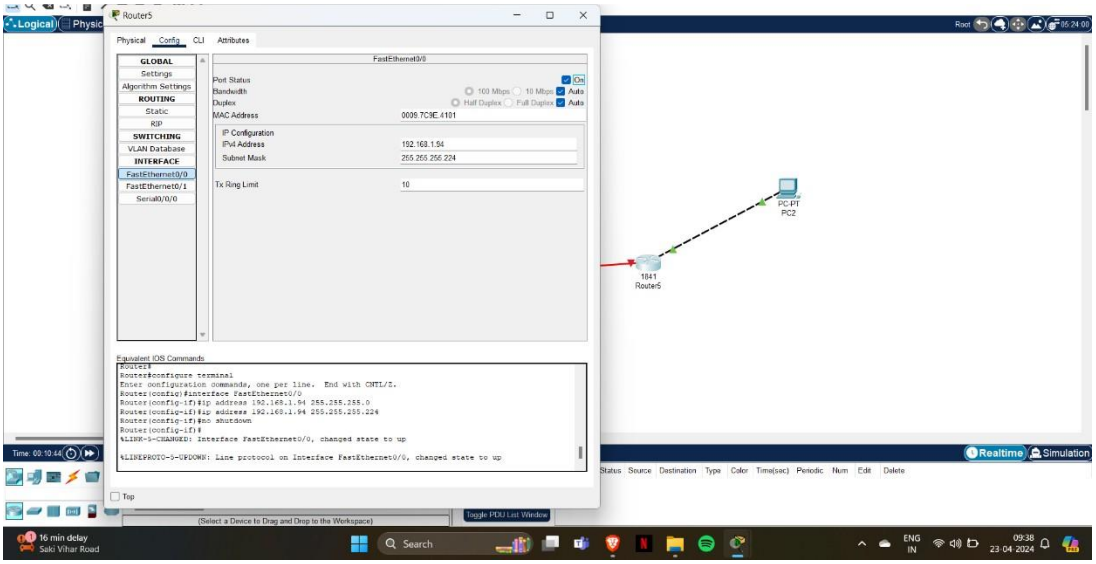
Assign the last valid host address in subnet 1 to PC1 i.e., 192.168.1.62



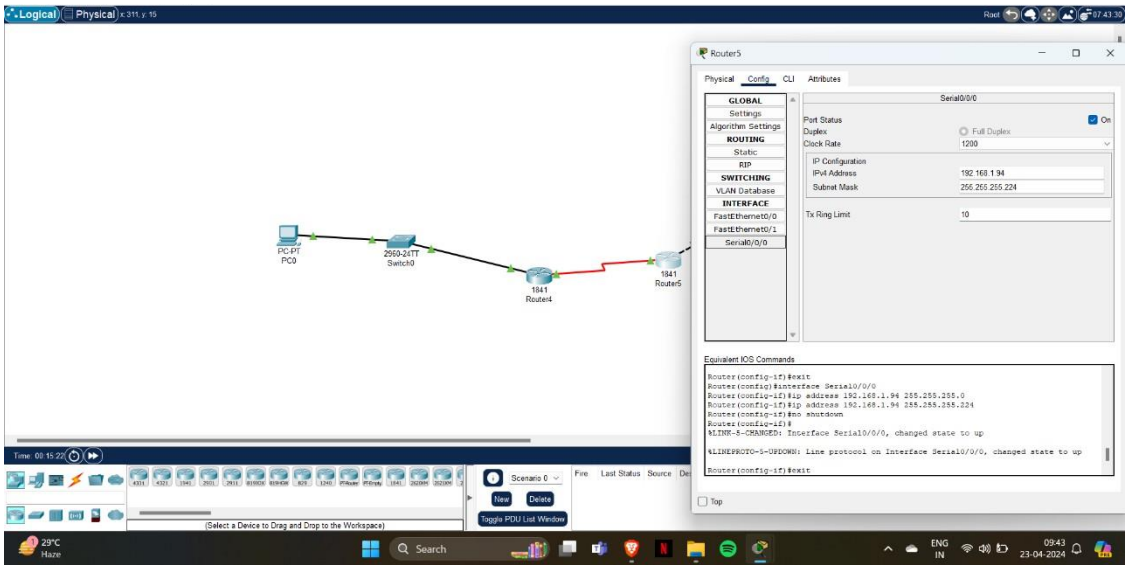
Assign the first valid host address in subnet 2 to the WAN interface on R1 i.e., 192.168.1.654



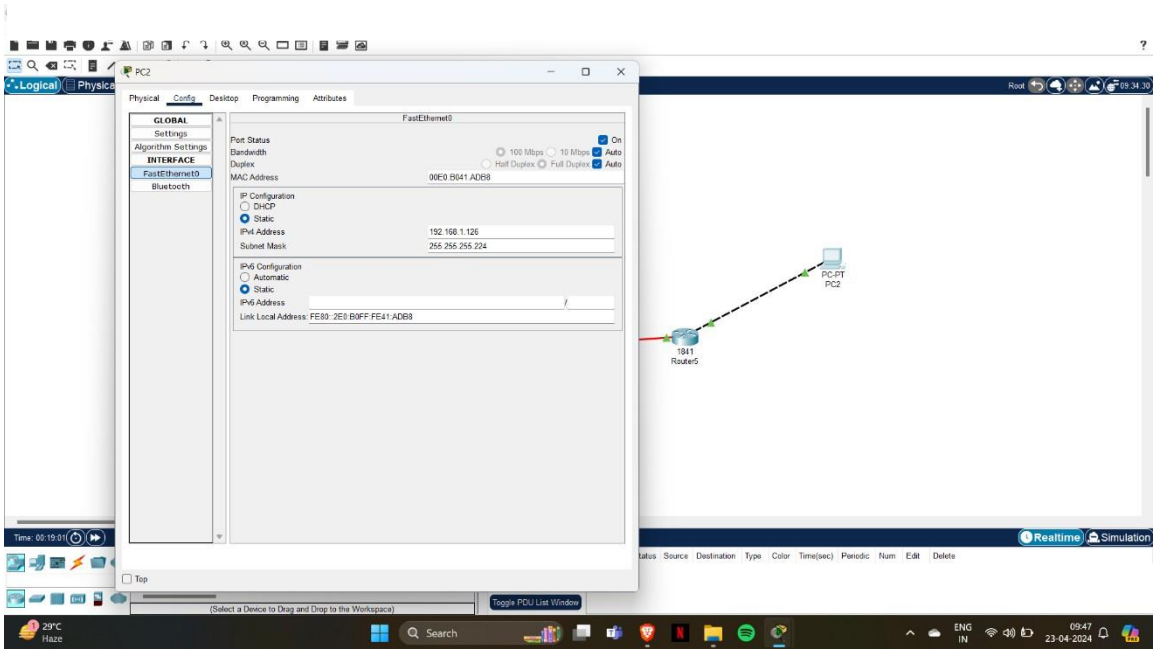
Assign the last valid host address in subnet 2 to the WAN interface on R2 i.e., 192.168.1.94



Assign the first valid host address in subnet 3 to the LAN interface of R2 i.e., 192.168.1.97

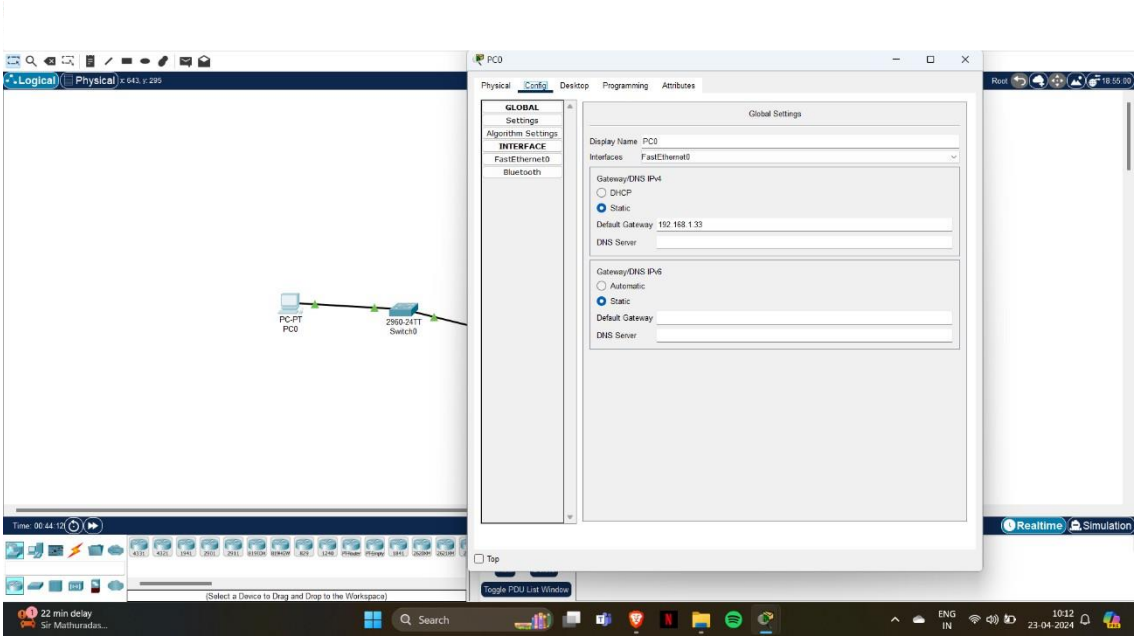


Assign the last valid host address in subnet 3 to PC2 i.e., 192.168.1.126

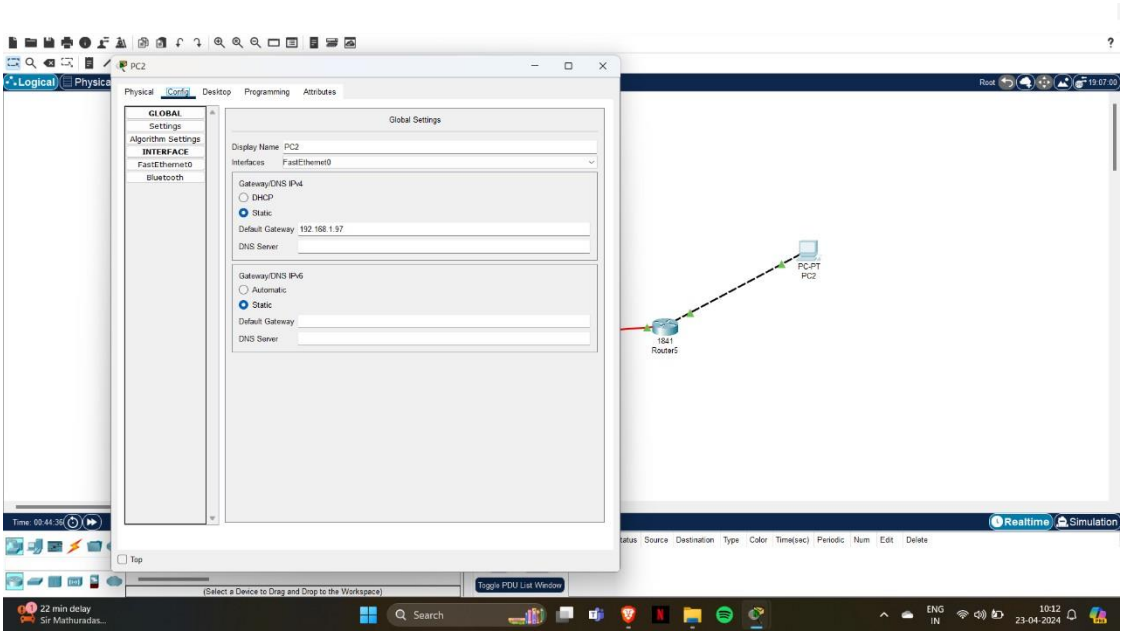


Task 3: Configure PC interfaces

Configure the Ethernet interfaces of PC1 and PC2 with the IP addresses and default gateways from your network design PC1 has the default gateway of 192.168.1.33 which is the LAN address of R1



PC1 has the default gateway of 192.168.1.97 which is the LAN address of R2

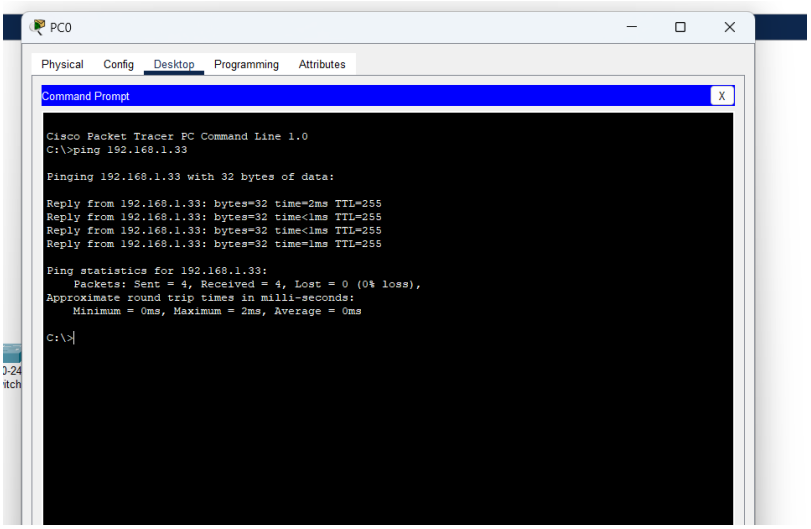


Answer the following questions to verify that the network is operating as expected.

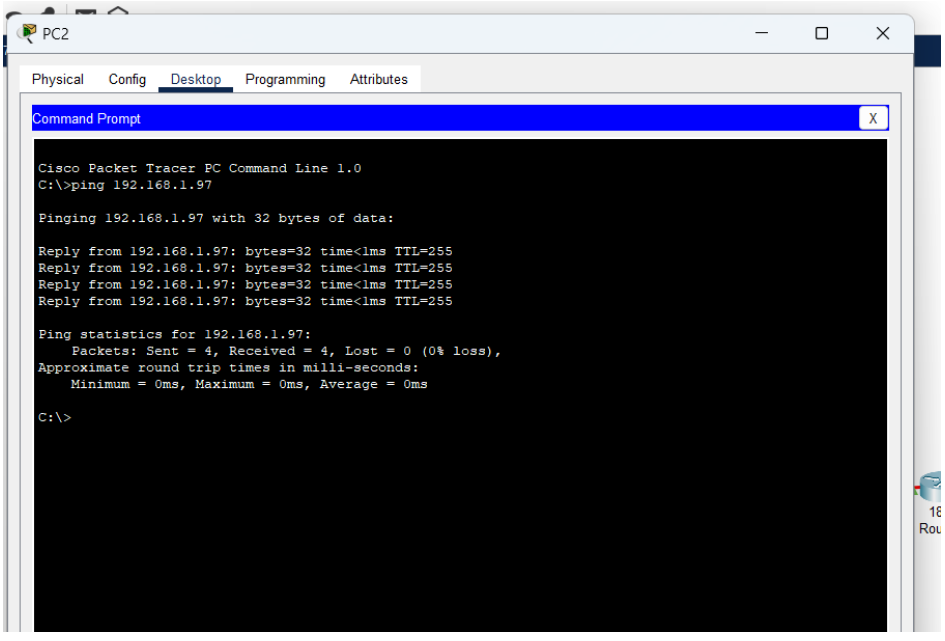
Please

attached screenshots to justify your answer.

1. From the host attached to R1, is it possible to ping the default gateway?



2. From the host attached to R2, is it possible to ping the default gateway?



Conclusion	Hence by completing this experiment I came to know about Cisco Packet Tracer.