Experiment 2

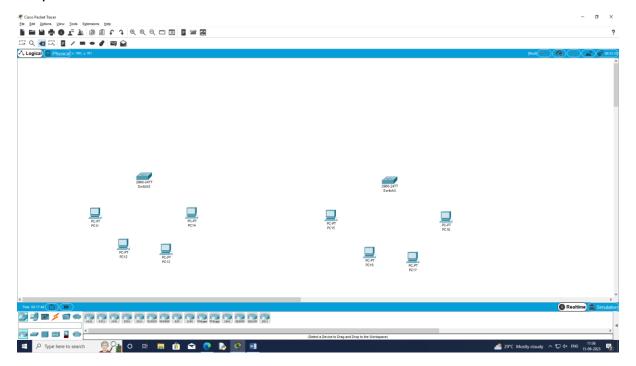
Jhanvi Parekh

60009210033

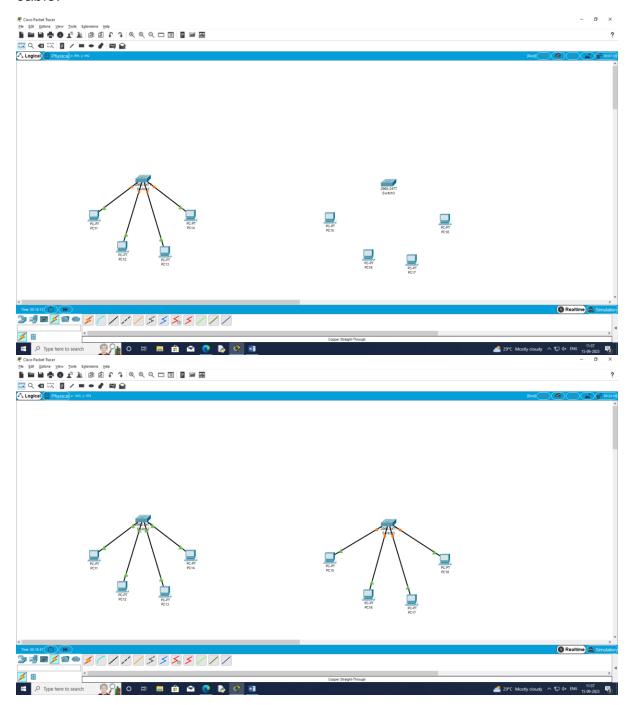
D11

ROUTER

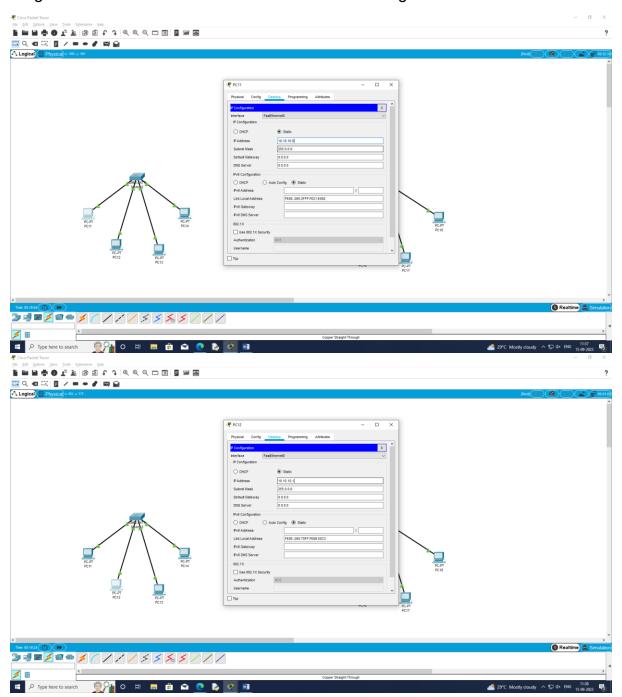
Step 1: Select 4 PC's and 2 switches.

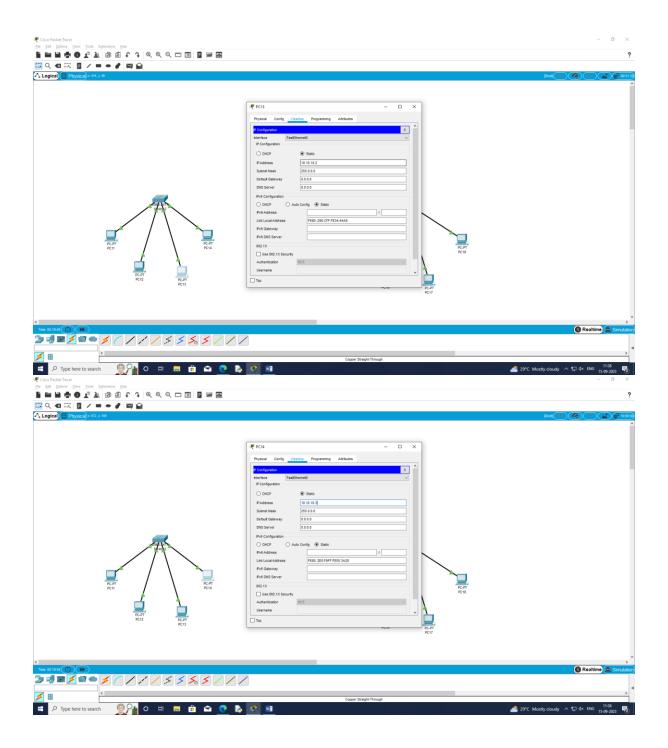


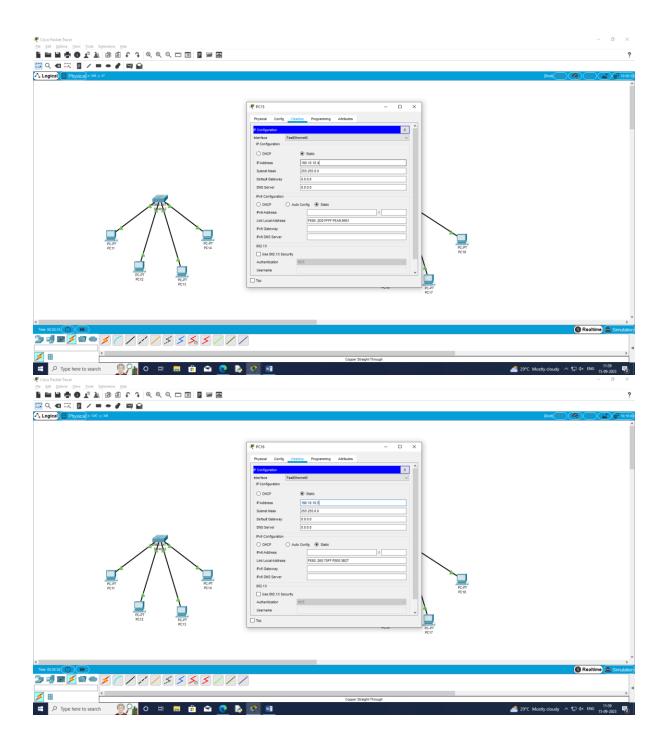
Step 2: Connect the PC's with a switch as shown through a straight through cable.

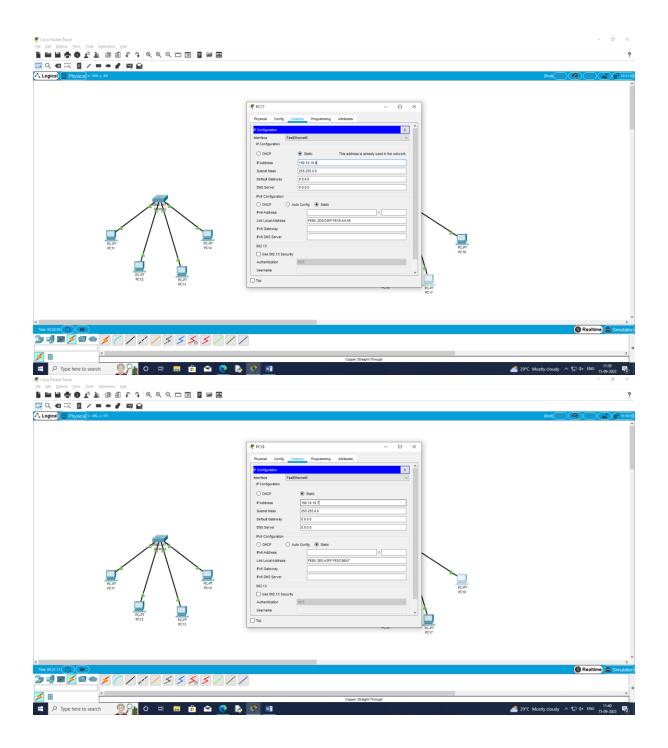


Step 3: Give IP address to all the PC's. Giving first four PC's IP address in the range of 10.10.10.4 and the next four PC's in the range of 190.10.10.8.

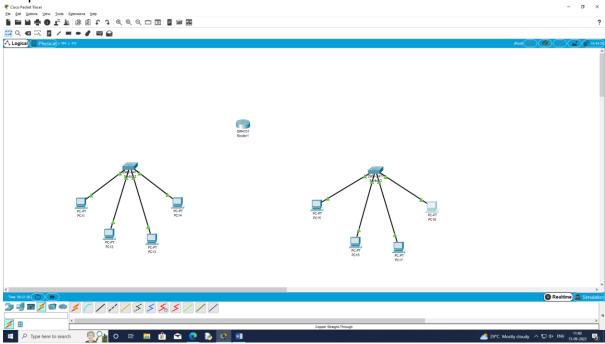




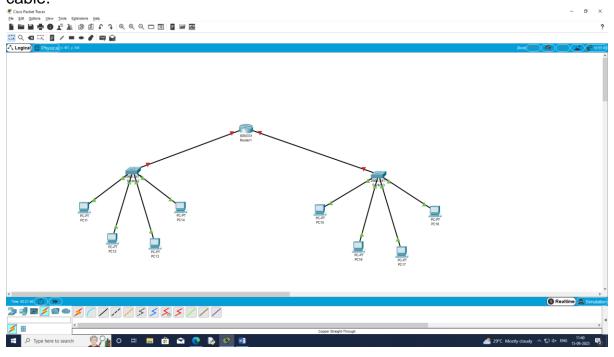




Step 4: Select a router.



Step 5: Connect the router to the switches as shown through a straight through cable.



O DHCP

IP Address

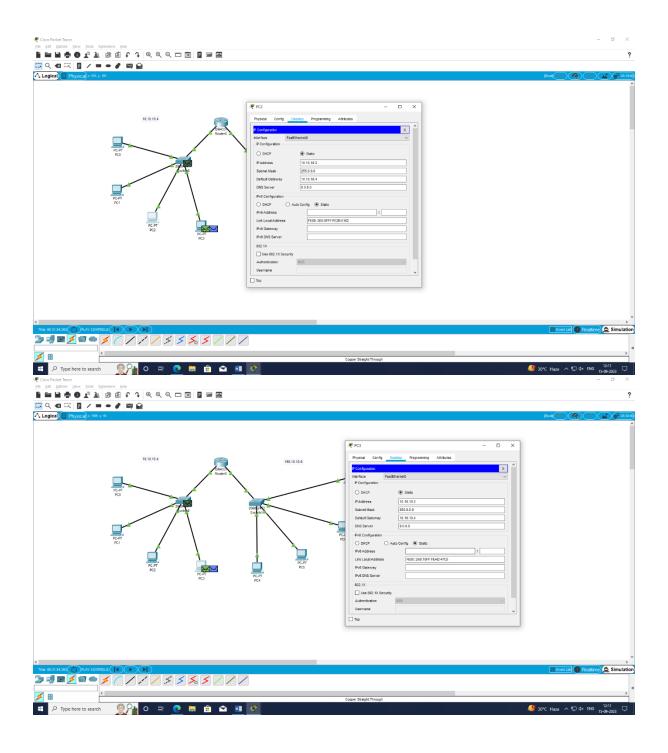
Subnet Mask

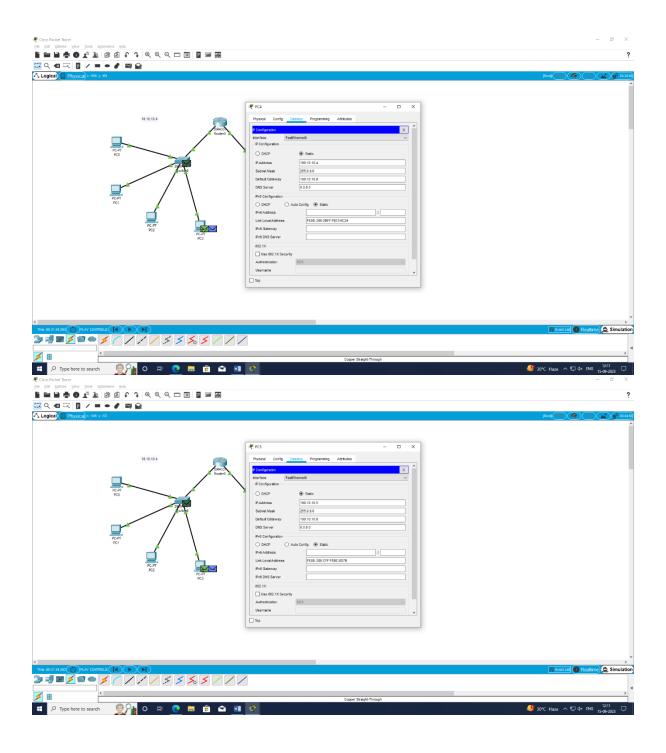
Default Gatewa

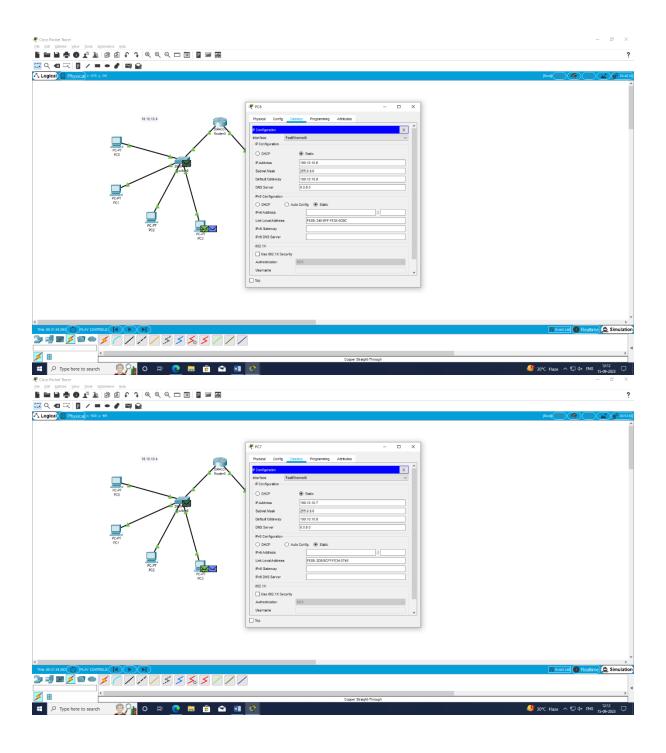
DNS Server Pv6 Address
Link Local Address
Pv6 Gateway
Pv6 DNS Server
802.1X
Use 802.1X S # \mathcal{P} Type here to search
 VFOR(eq)
 ■ MARCH | Explored | explored

 Image: Control of the contro DHCP
PAddress
Subnet Mask
Defaut Gateway
DNS Server
Pv6 Cenfiguratio
DHCP
Pv6 Address
Link Local Addre
Pv6 Gateway
Pv6 DNS Server

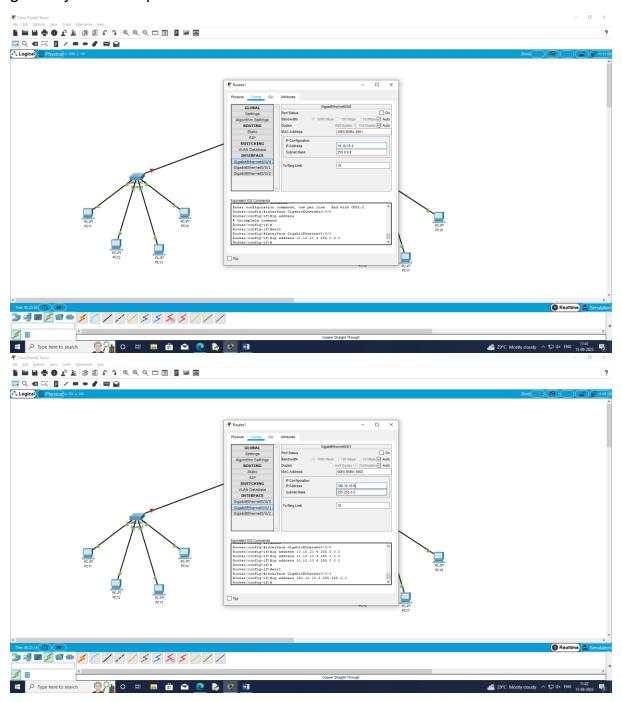
Step 6: Assign the default gateway to all the PC's



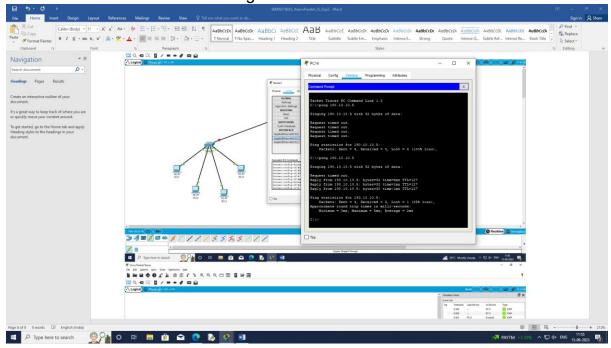




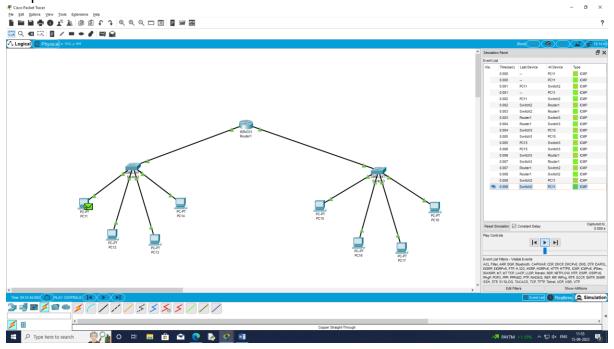
Step 7: Assign the IP address to the port of the router in the range of the default gateway of the respective PC's.



Step 8: Ping the message in the command prompt of anyone PC's of a range 10.10.10.4 to the PC's of the range 190.10.10.8.

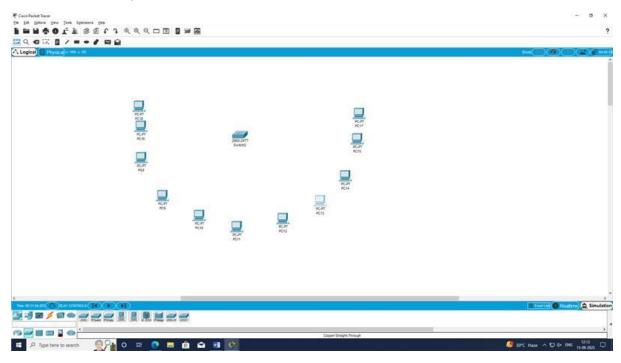


Step 9: Stimulation Movement.

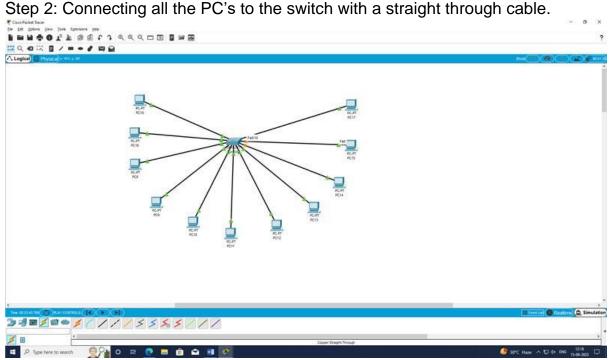


SWITCH

Step 1: Selecting 11 PC's and a switch.

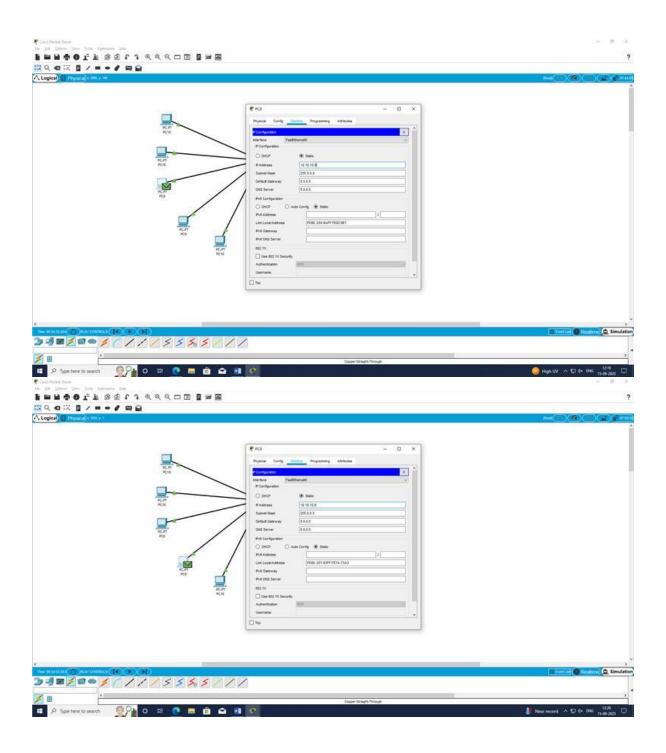


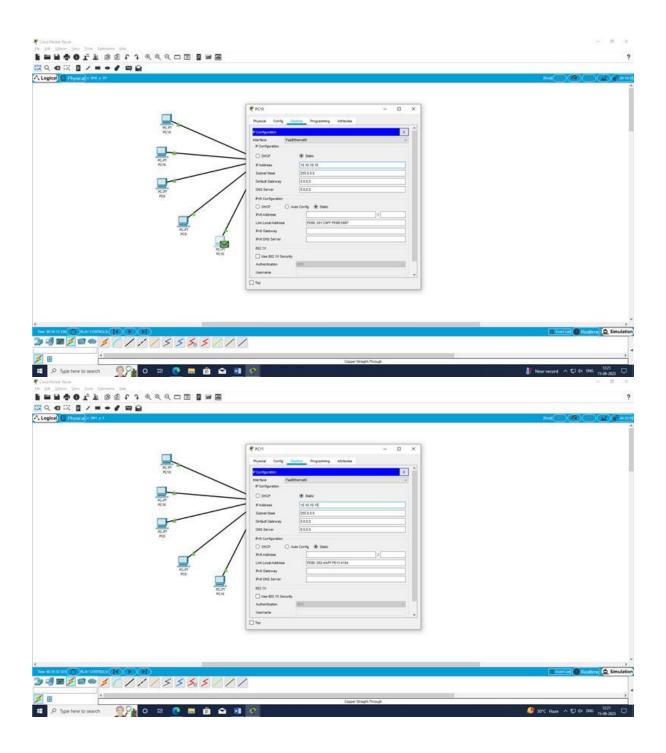
Step 2: Connecting all the PC's to the switch with a straight through cable.

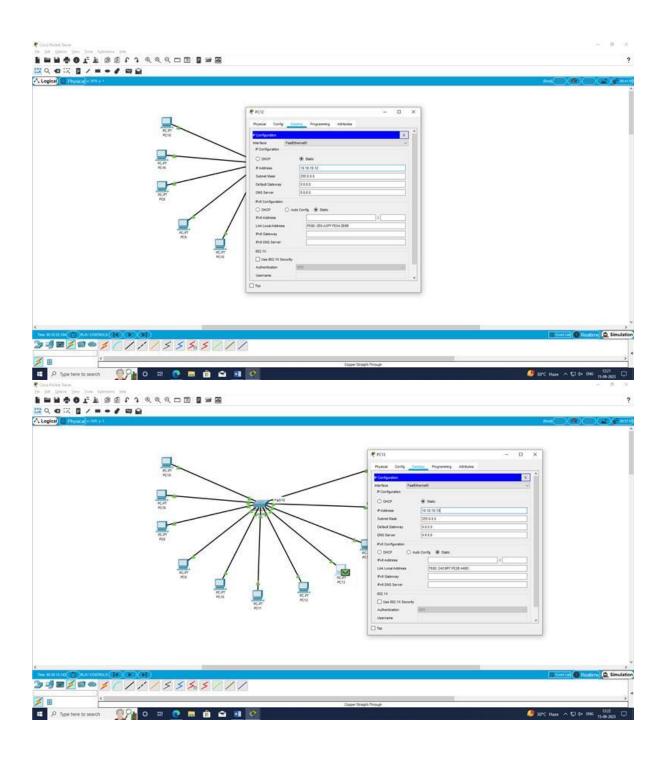


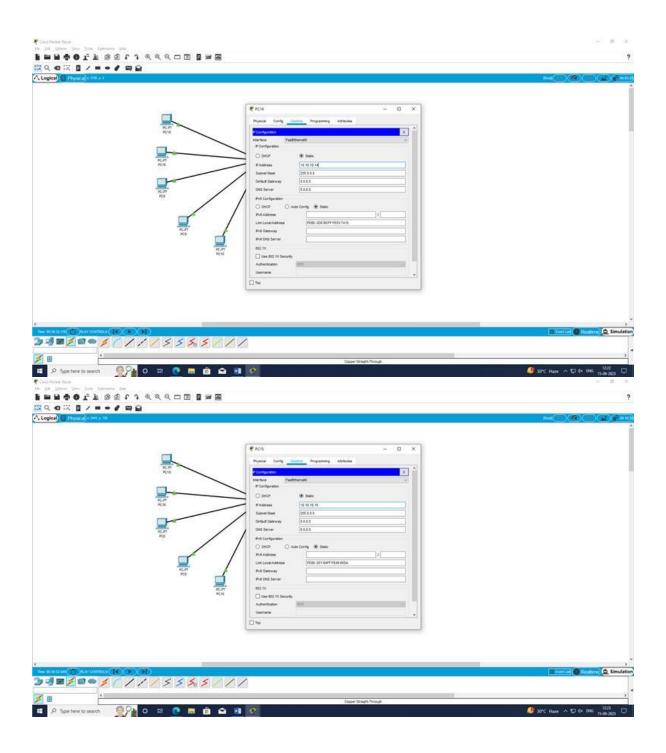
Step 3: Giving IP address to all the 11 PC's. FAddress
Subset Mass
Default Dathway
DNS Server
PV6 Configuratio
DISCP
SN-6 Address
Link Look-Address
Pv6 Dathway
SN-6 DNS Server
502.1X nto 🖲 State 3-1-2-2-1//5555/// PAddress
Subnet Mess
Ceffect Dahrway
DNS Server
Pv6 Configuratio
DNCP
Pv6.Address
Lan Local-Addres
Pv6 Gateway
Pv6 DNS Server

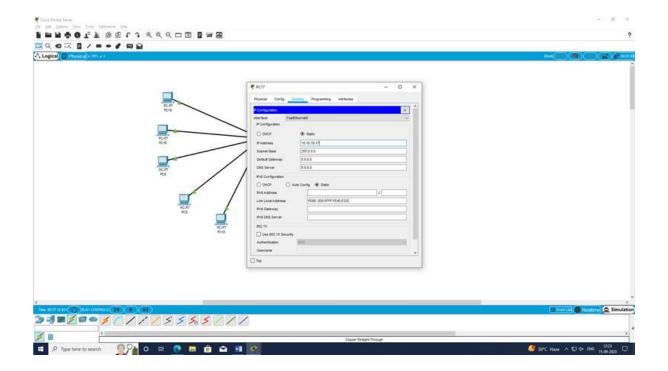
3-3-2-3-4//5555///



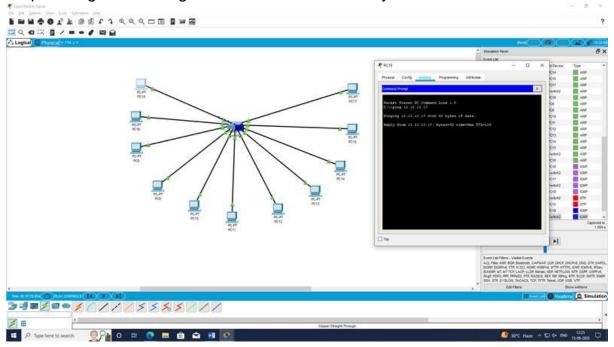








Step 4: Ping the message in the command from any one PC to another.



Step 5: Sending message from one PC to another. Taking readings of the Stimulations.

