

Name- Akrati Agrawal

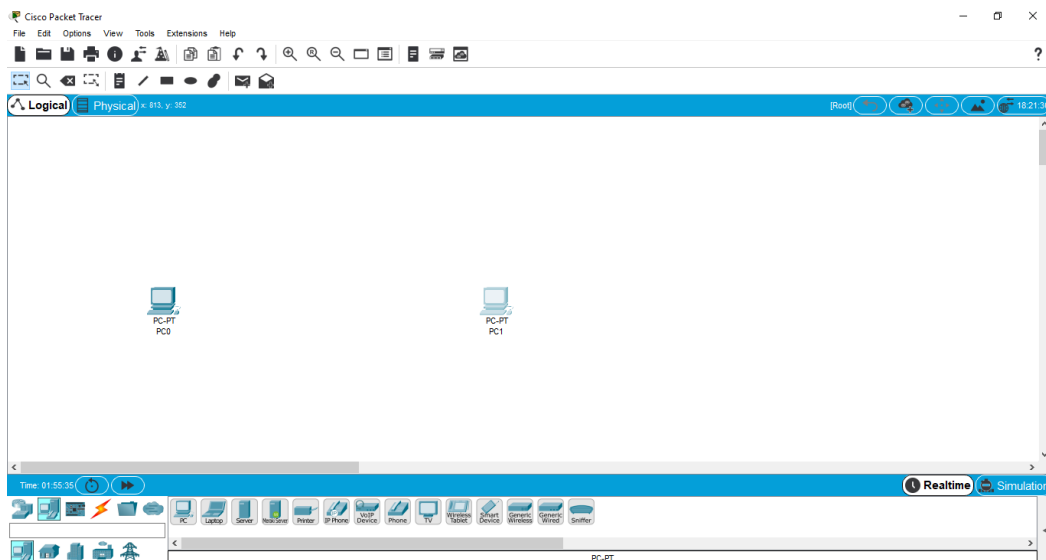
Course- MCA '2B'

Student id- 20712047

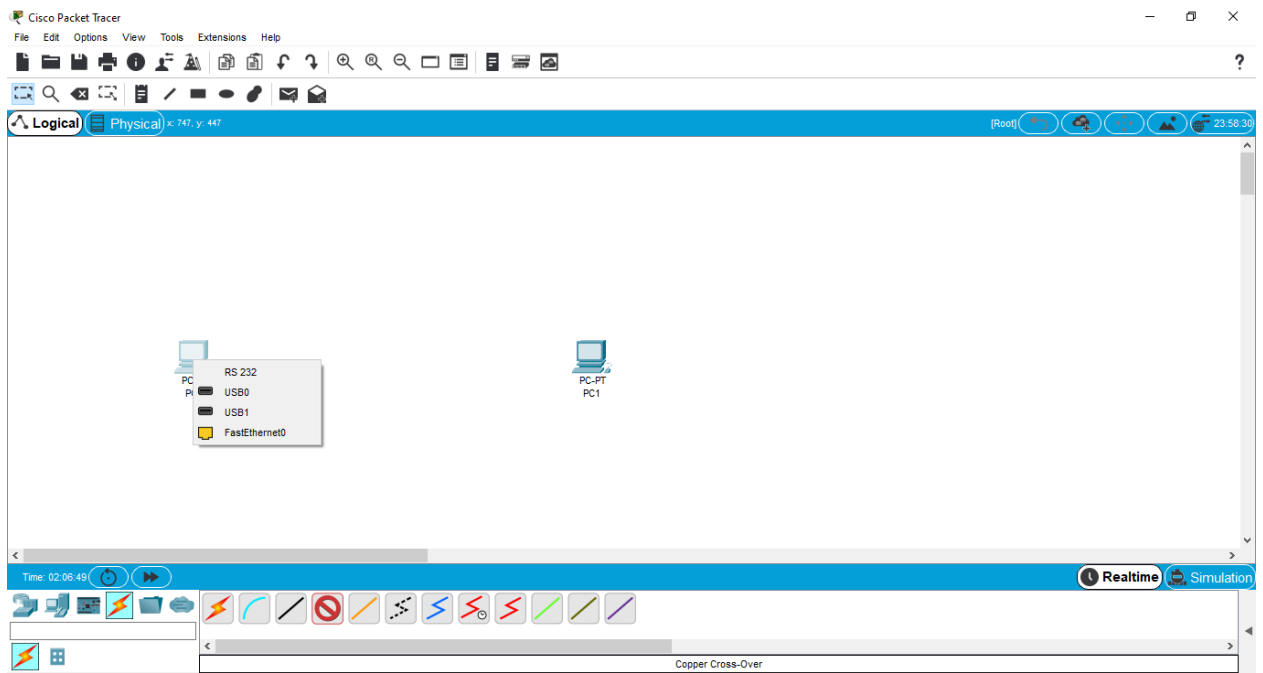
ANSWER 01:

Steps for network design, IP configuration and connectivity are:-

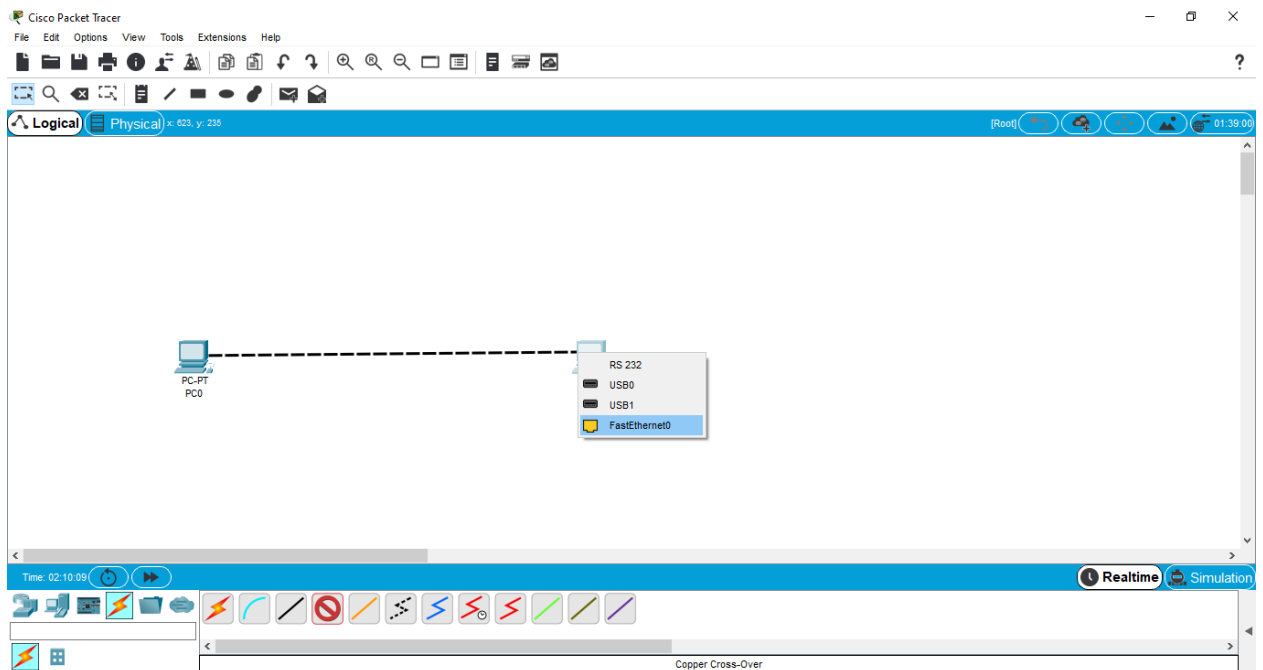
Step 1: Drag and Drop 2 PCs from 'End Devices'.



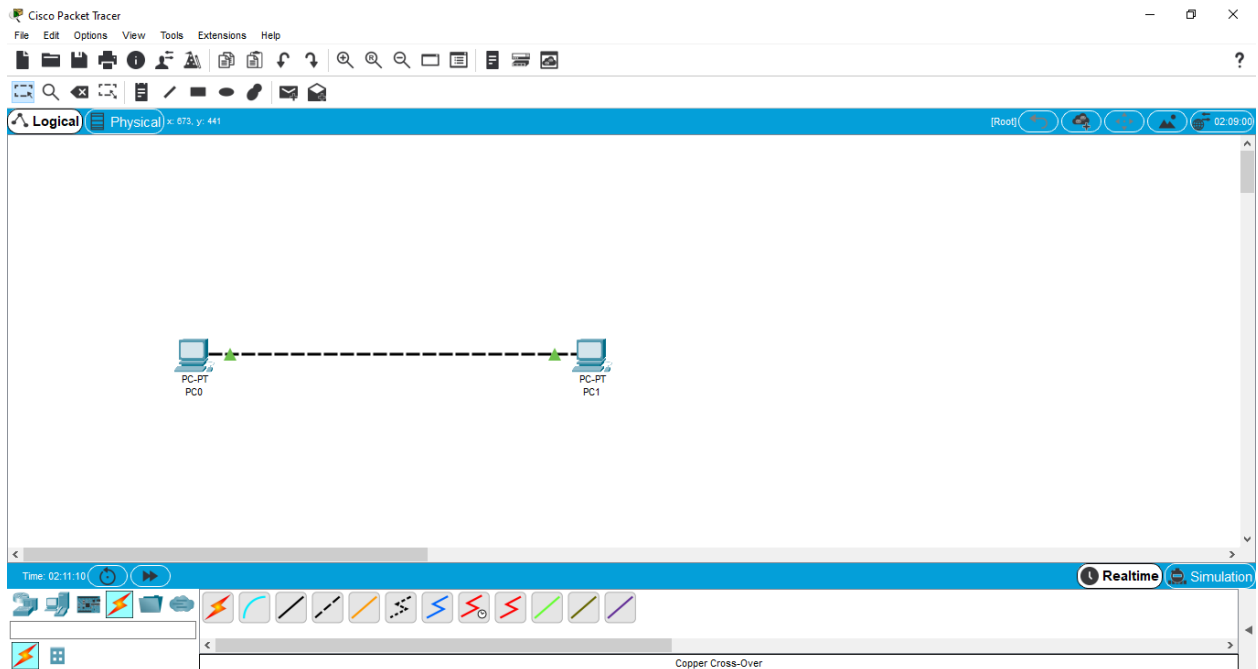
Step 2: Now you have to drag 'Cross-Cable' from connection and drop on 1st PC where you will select 'FastEthernet0' from list.



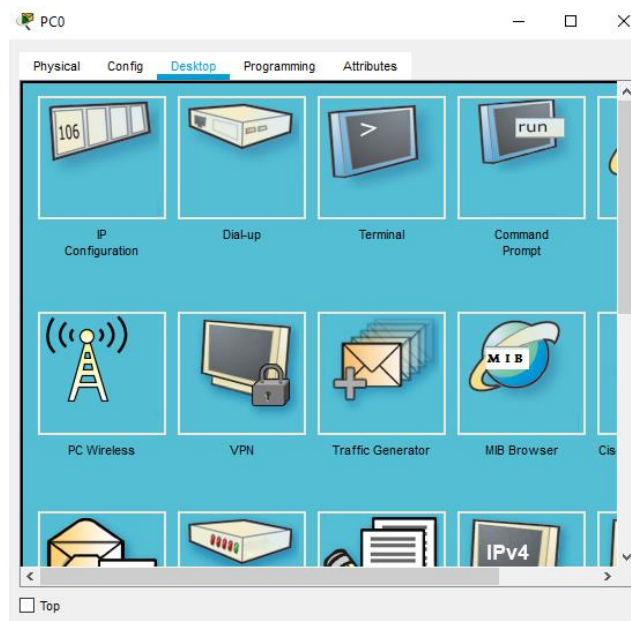
Step 3: Now connect the cable to 2nd PC and select 'FastEthernet0' from list.



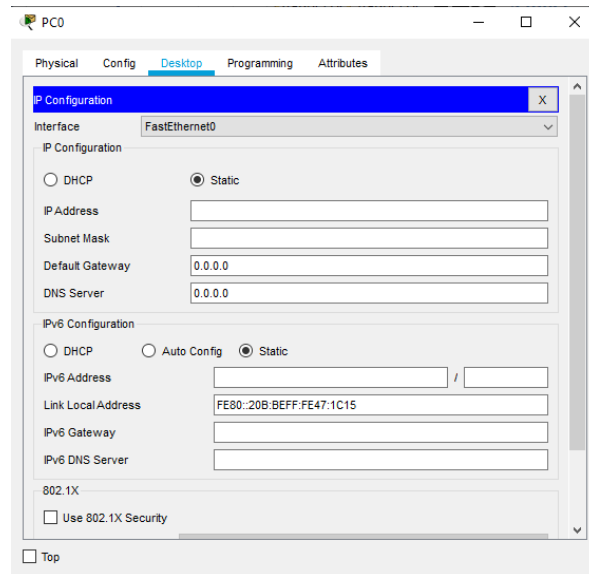
Step 4: This will be the resultant **Network for connecting 2 PCs.**



Step 5: To configure the IP Address. Click on 1st PC. A screen will appear, go to 'Desktop'.



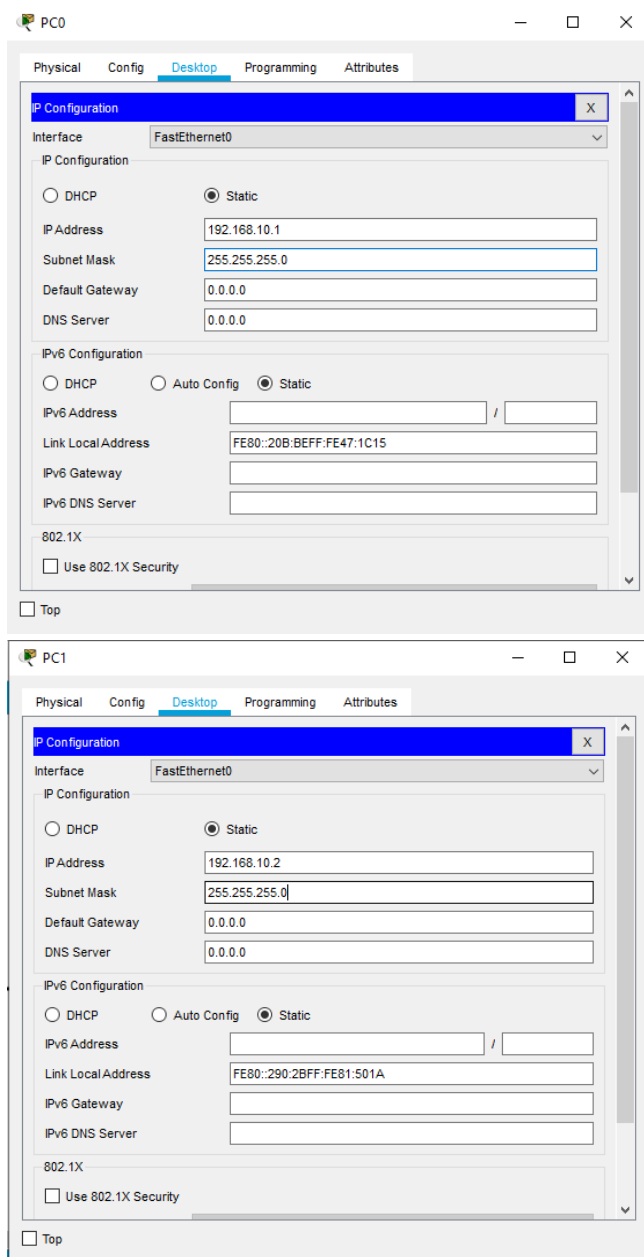
Step 6: Click on 'IP Configuration'. This screen will get appear.



Step 7: Write the IP Address in the 'IP Address' section. Then click on 'Subnet Mask', it will get filled automatically.

Continue Step 5 to Step 7 to get IP Address for 2nd PC.

Here is the **IP Address for both the PCs.**



ANSWER 02:

Network- A computer network is a group of computers that use a set of common communication protocols over digital interconnections for the purpose of sharing resources located on or provided by the network nodes.