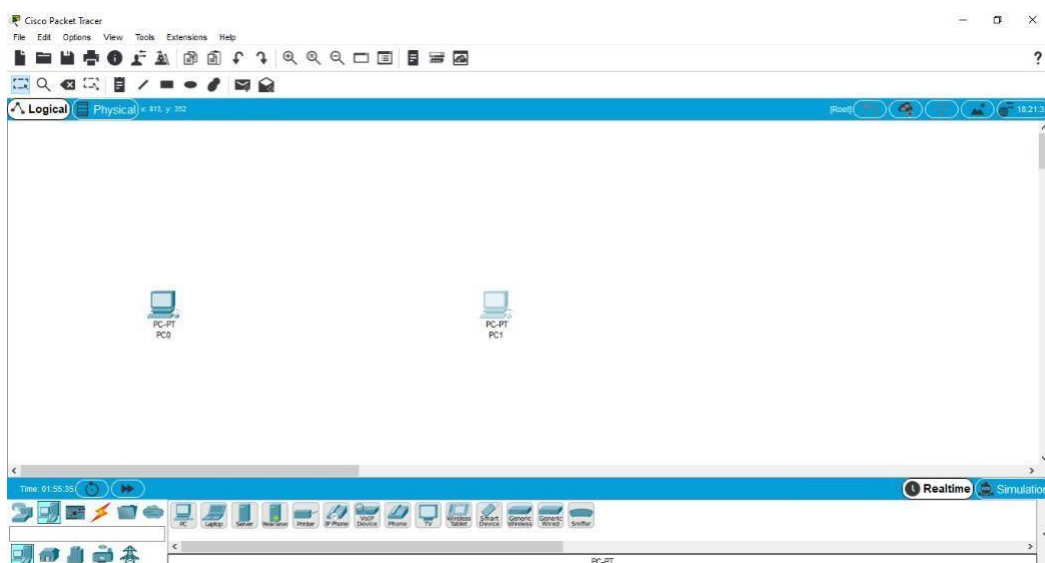Name- Sakshi aggarwal

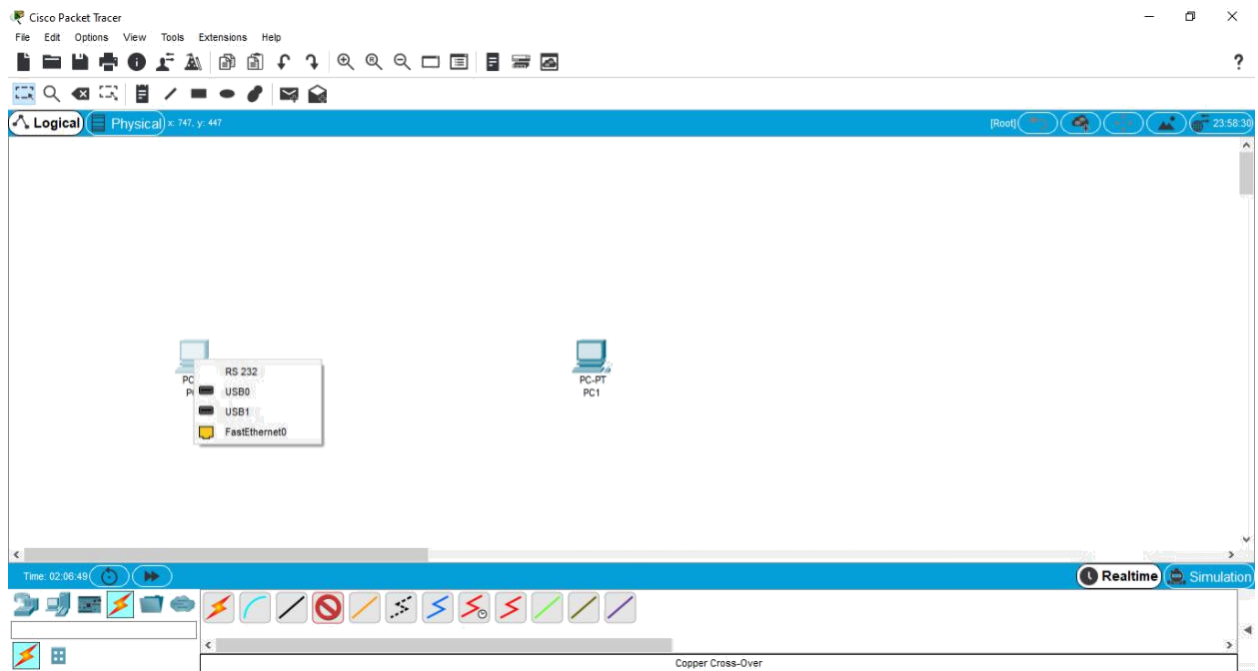Course- MCA '2B'

Student id- 20712081

ANSWER 01:

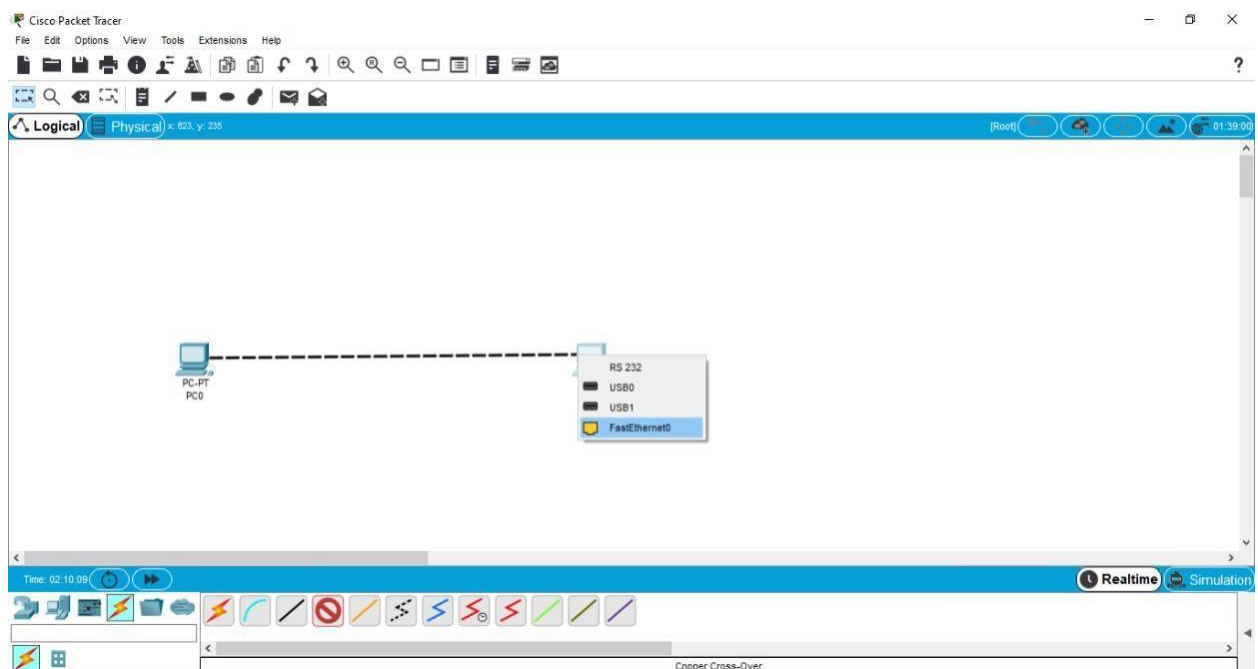Steps for network design, IP configuration and connectivity are:-

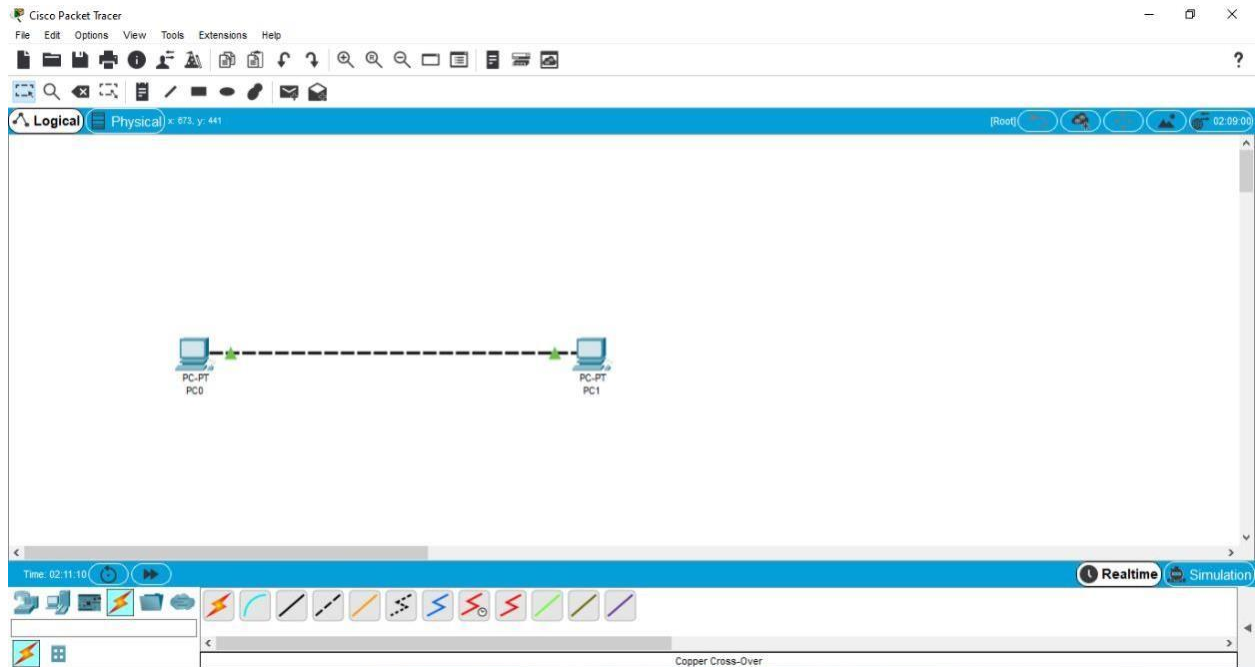Step 1: Drag and Drop 2 PCs from 'End Devices'.

Step 2: Now you have to drag 'Cross-Cable' from connection and drop on 1st PC where you will select 'FastEthernet0' from list.
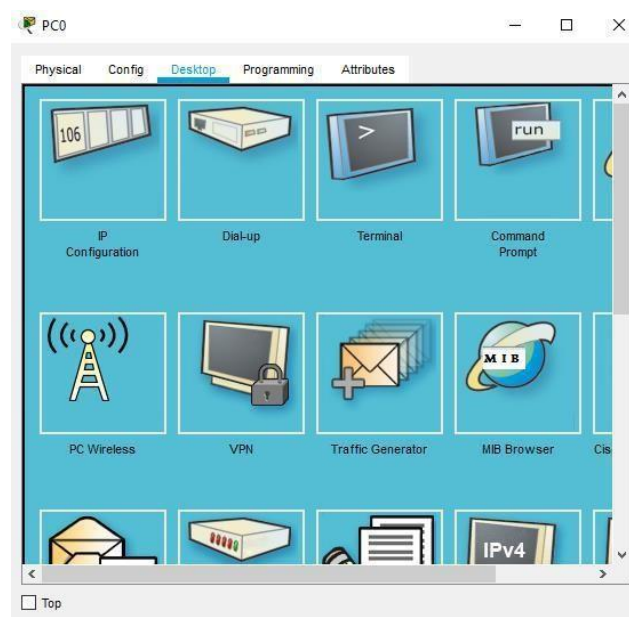
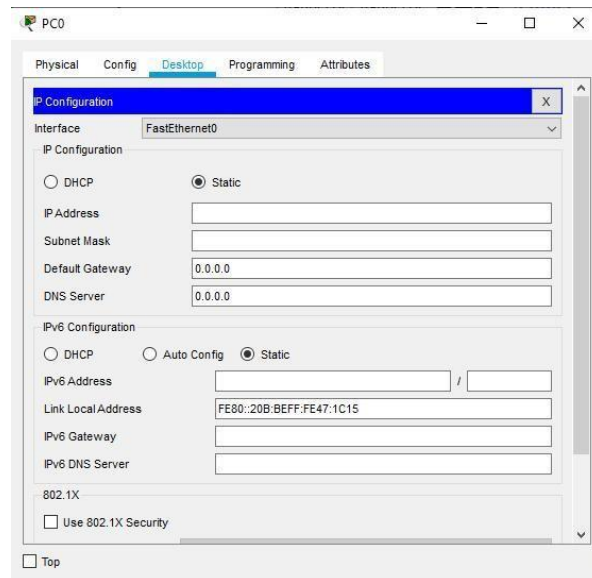Step 3: Now connect the cable to 2nd PC and select 'FastEthernet0' from list.

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.**

PC0 ☐ ✕

Physical   Config _____ Programming   Attributes

IP Configuration   [X]

IP Addresg	1921 c IC '
Subnet Mask	255.255.255.0
DNS Server	0 C 0 0

IPv6 Configuration

Link Local Address	CE8O 20B BCFF FE*? IC I'

IPv6 DNS Server

G02 \x

☐ Use 802.1X Security

Physical   Config _____ Prcgfommm9   Sn''tu{ct

IP Çonfiguration   [X]

○ DHCP   ◉ Static

Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
DNS Server	0.0.0.0

○ DHCP   ○ Auto Config   ◉ Static

IP '6 DNS Sen'er

8f!2.1 X

@ Use 802 1X Securty