

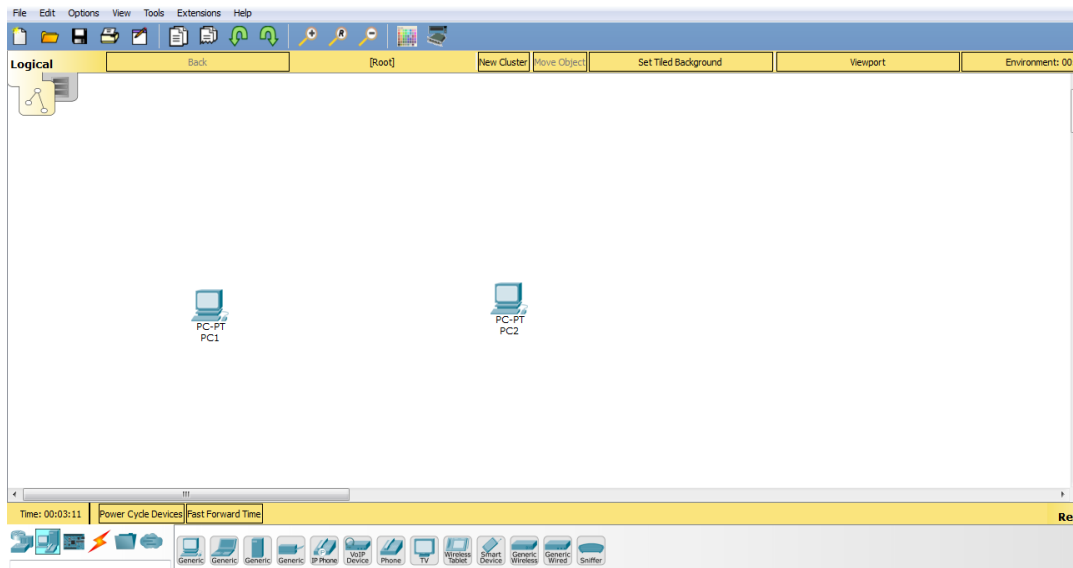
**NAME-NIKHILESH BHATT**  
**COURSE-MCA2-A**  
**STD-ID-20711046**

**Problem statement:** Design a network to connect with two PCs.

**Objective:** To understand how to Connect two PCs in packet tracer.

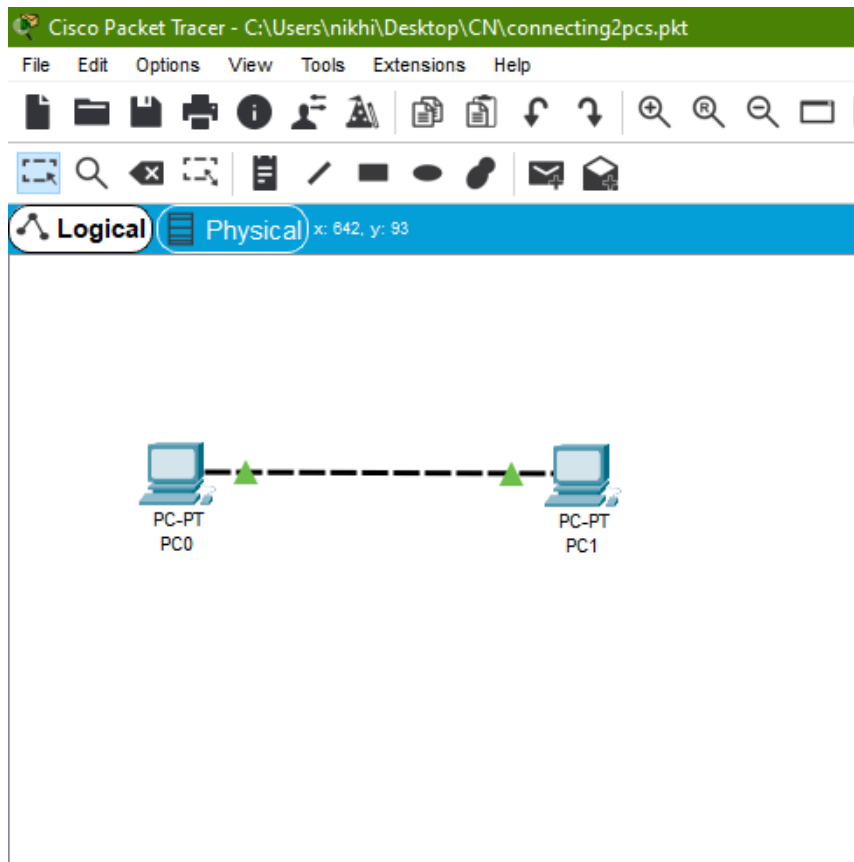
**Description:**

**STEP1-** Take two PCs from End Devices.



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**STEP2:** Take copper cross-over wire and connect on Fast-Ethernet port on both PCs.



**STEP3** – Now since It shows green arrow on wire which means that the connection is working.

**STEP4** - Go to **DESKTOP -> IP Configuration** on both **PC0** and **PC1** and set the IP for both the

**PC0 – 192.168.10.1**

**PC1 – 192.168.10.2**

**STEP5** - Click on the subnet mask for both PCs.

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PC0

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 192.168.10.1

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80::240:BFF:FEDE:5B49

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

☐ Top

PC1

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 192.168.10.2

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80::2E0:F7FF:FEB0:835

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

☐ Top

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**STEP6-** Go to PC0 -> Desktop -> Command Prompt and check using command  
**ping 192.168.10.2**

If we get reply then it's working fine.

