NAME : BHARTENDU PANT

MCA 2A

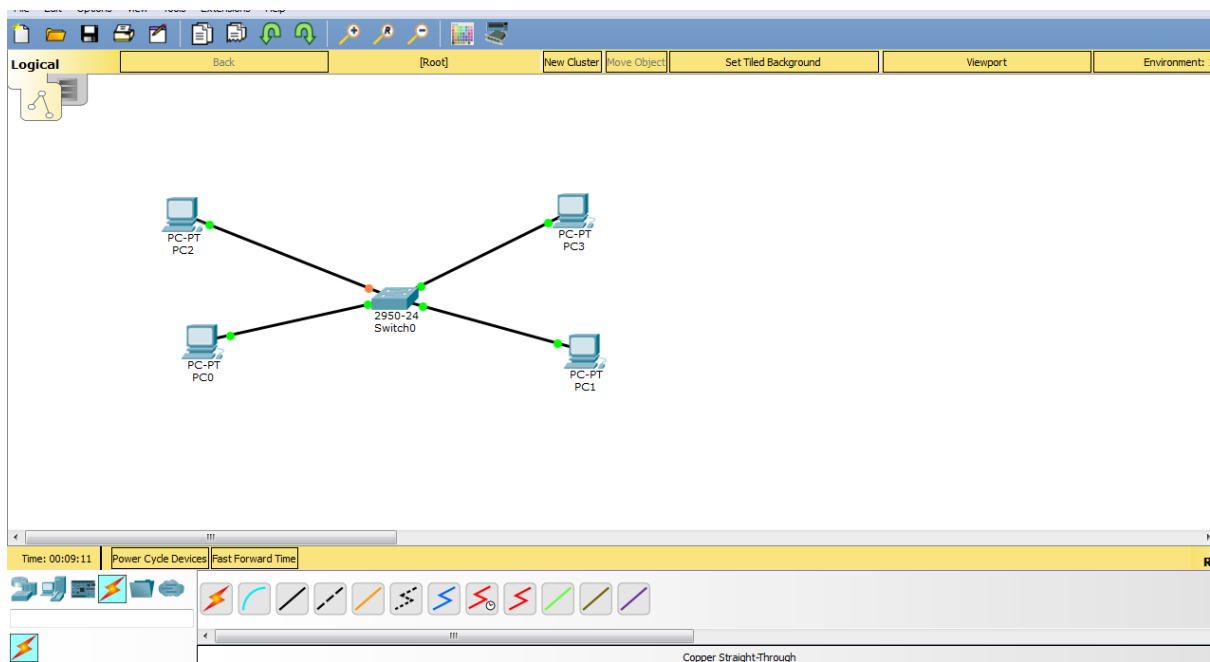# S. ID :20711020

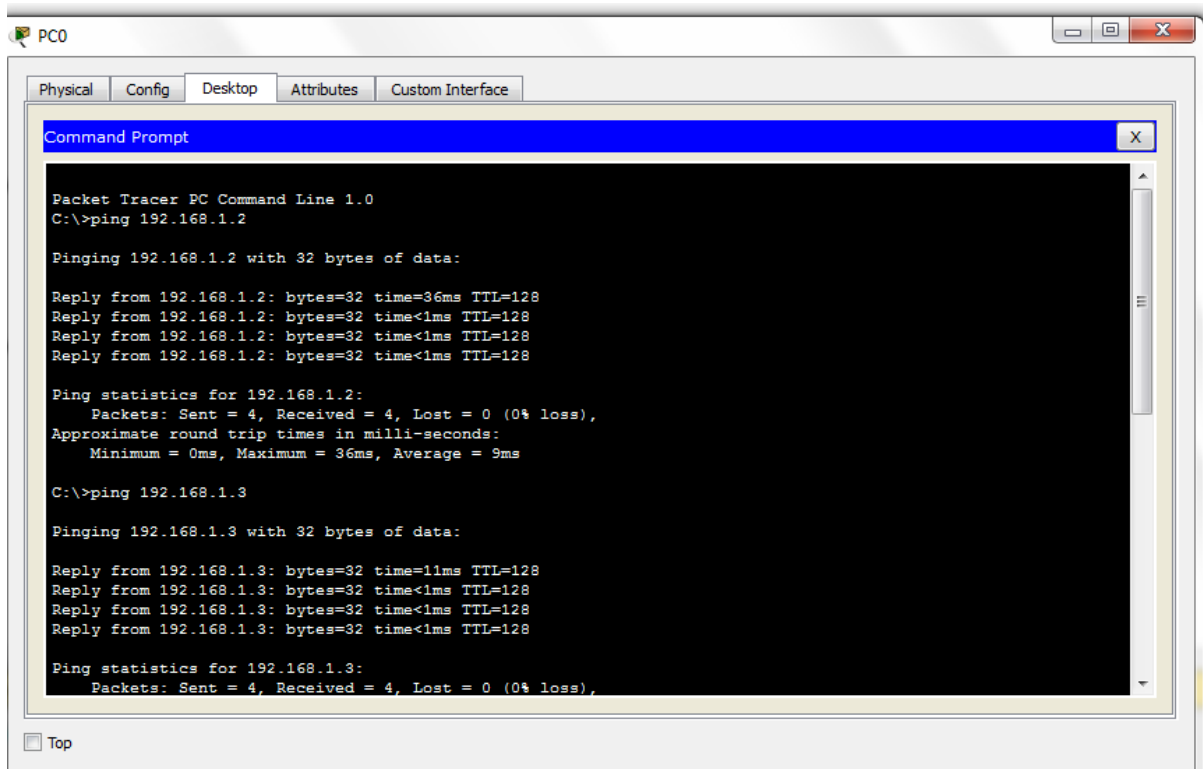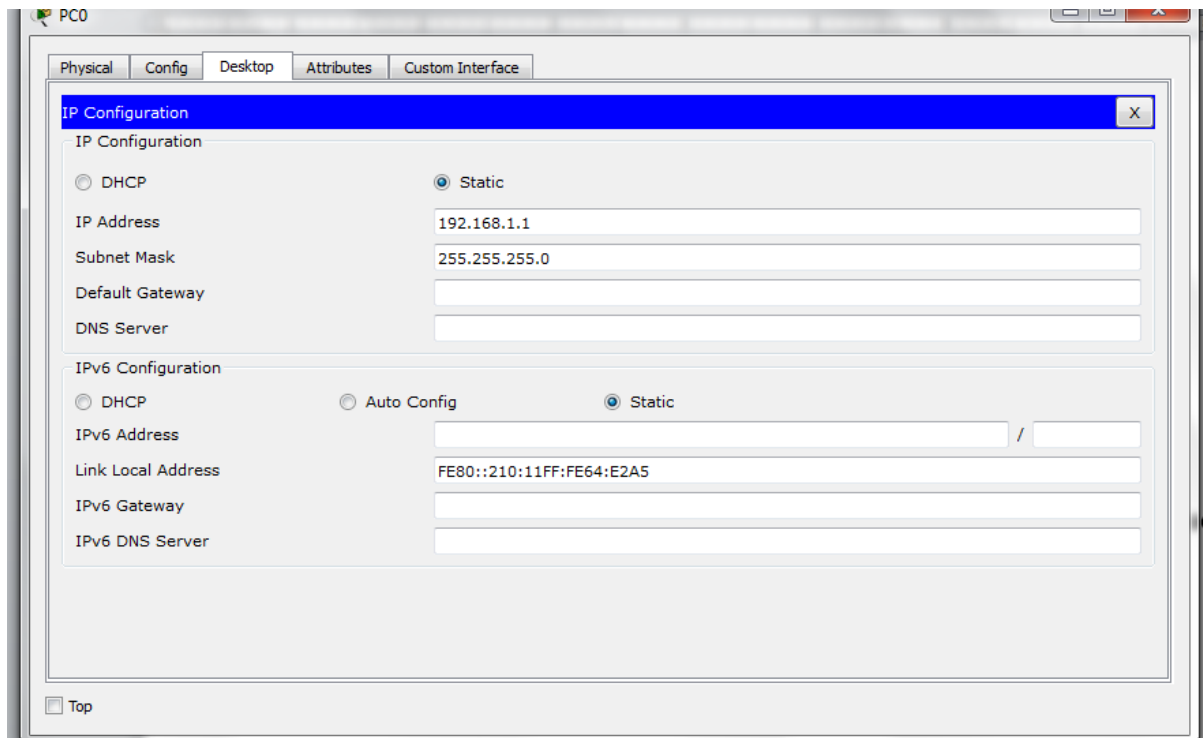# COMPUTER NETWORKS

DEMO PRACTICAL

Q:1) Design a network with five PCs connect with a switch using a packet tracer.

SOL :

PC0

Physical | Config | Desktop | Attributes | Custom Interface

IP Configuration

IP Configuration

○ DHCP   ● Static

IP Address   192.168.1.1

Subnet Mask   255.255.255.0

Default Gateway

DNS Server

IPv6 Configuration

○ DHCP   ○ Auto Config   ● Static

IPv6 Address   /

Link Local Address   FE80::210:11FF:FE64:E2A5

IPv6 Gateway

IPv6 DNS Server

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PC0

Physical | Config | Desktop | Attributes | Custom Interface

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.2

Pinging 192.168.1.2 with 32 bytes of data:

Reply from 192.168.1.2: bytes=32 time=36ms TTL=128
Reply from 192.168.1.2: bytes=32 time<1ms TTL=128
Reply from 192.168.1.2: bytes=32 time<1ms TTL=128
Reply from 192.168.1.2: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 36ms, Average = 9ms

C:\>ping 192.168.1.3

Pinging 192.168.1.3 with 32 bytes of data:

Reply from 192.168.1.3: bytes=32 time=11ms TTL=128
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
```
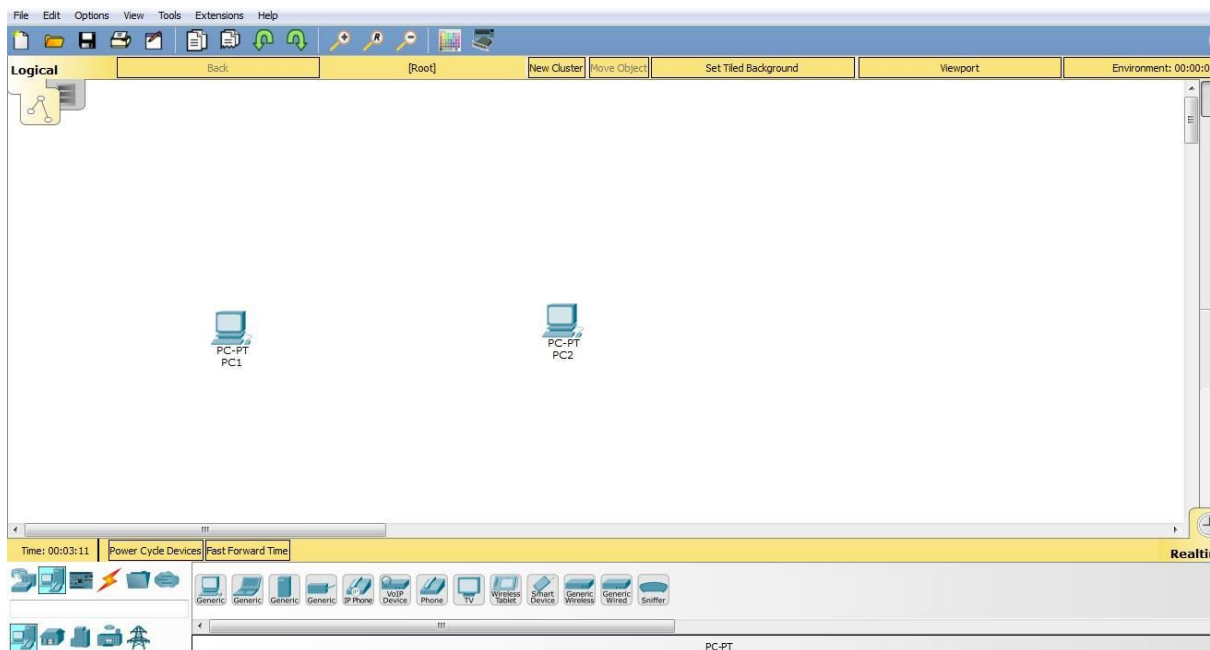
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SOL :

Objective-To understand how to connect two PCs /computer using peer to peer in packet tracer
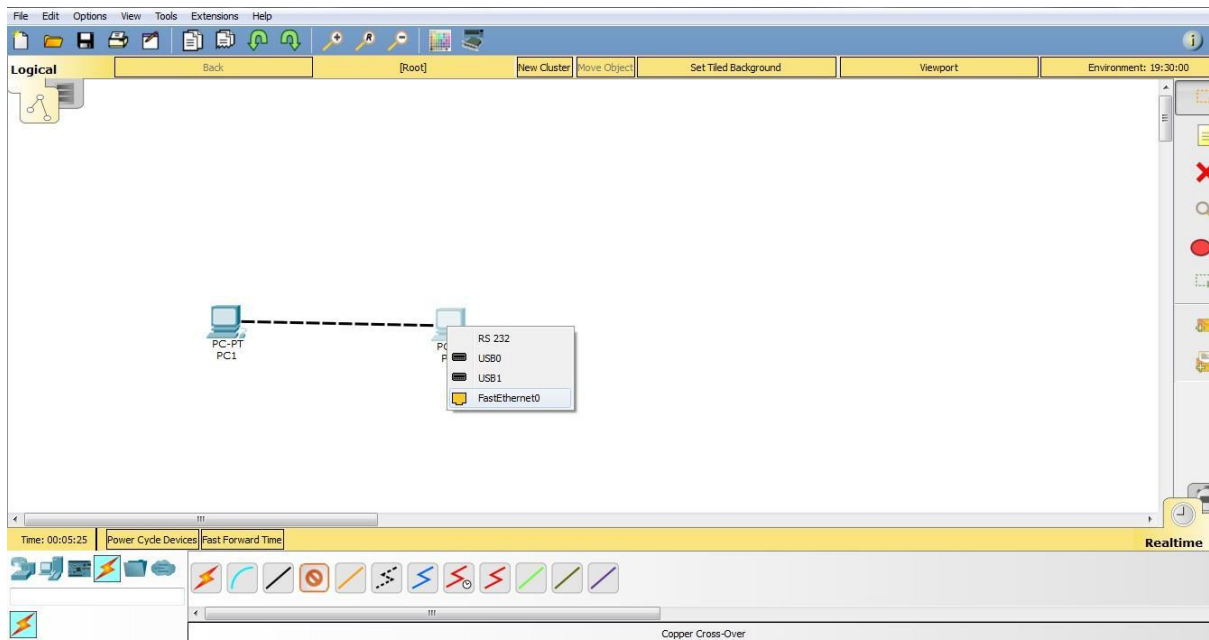**Description :**
Step1:-Open packet Tracer
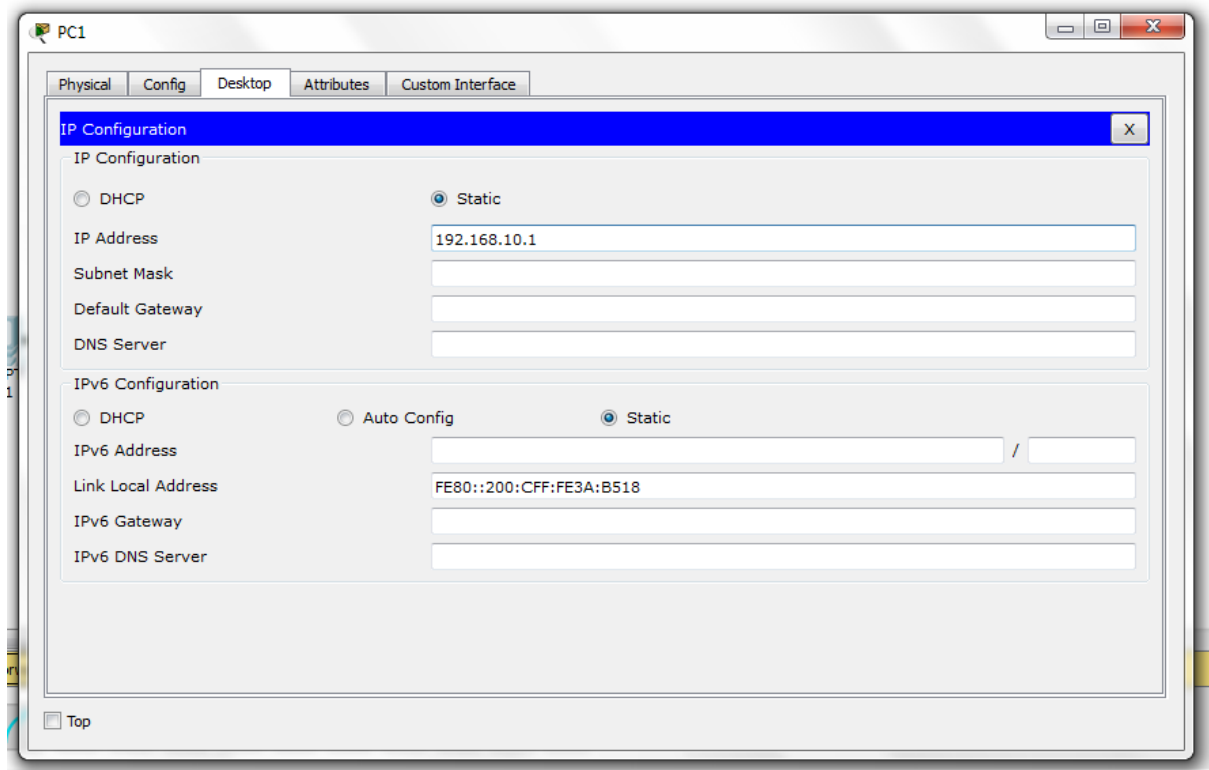
Step2:-Go to components Tray and select end devices

Step3:-drag and drop two Generic Pcs

Step 4:-drag the cross over cable to another pc and again left click on
other pc and select Fast Ethernet option. Now green balls on both ends signify that both are connected successfully.

ASSIGN IP S :

CHECK CONNECTION :