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Course:- MCA 2A

Subject:- Computer network

Uni. No:- 2001129

Course Code:- TMC -203

Q1 Problem:- Connecting users of HR department for sharing data

Objective:- Connecting to users with switch and configure PCs

Description:- Using Packet tracer for showing the connection between multiple users within a department for sharing data.

Step 1:- In Bottom left select end devices and click on pc icon, paste it on white-worksheet

Step 2:- Then select a switch and connect all users with the switch.

Step 3:- Configure all PCs (users) by right click > config > FastEthernet 0.

Step 4:- Put IPv4 Address as 192.168.1.1 for 1st PC and 192.168.1.2 for second and so on. Subnet Mask will filled automatically.

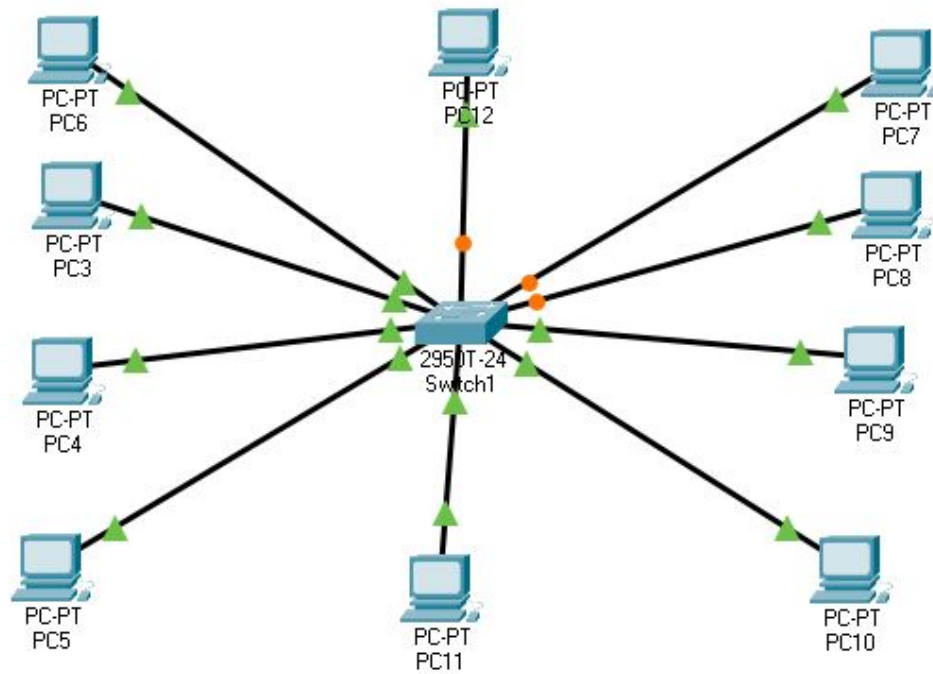
Step 5 :- After connecting and configuring users, send msg using msg icon ~~and~~ on system 1 and click on System 5. Data will ~~show~~ shared between the two systems.



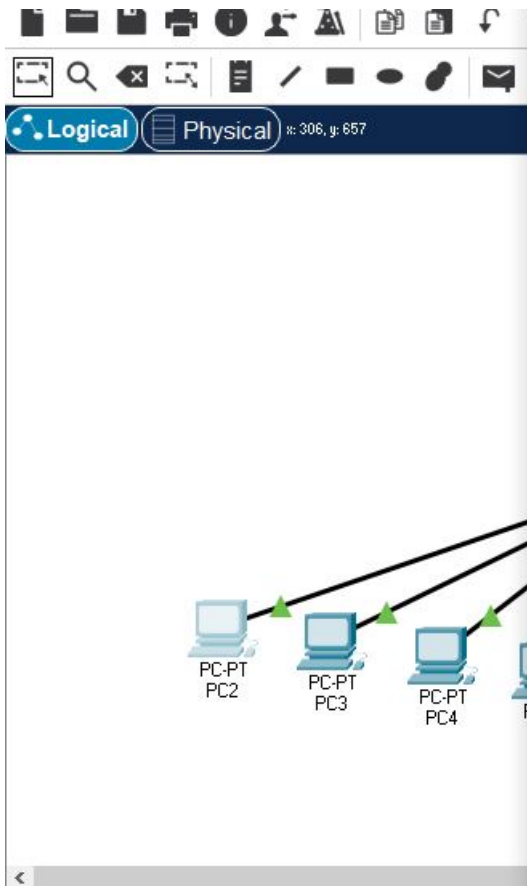


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Physical Config Desktop Programming Attributes

- GLOBAL
- Settings
- Algorithm Settings
- INTERFACE
- FastEthernet0
- Bluetooth

FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0001.64DE.47CE

IP Configuration

☐ DHCP

☒ Static

IPv4 Address 192.168.1.1

Subnet Mask 255.255.255.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

Link Local Address: FE80::201:64FF:FEDE:47CE

[Root] 02:54:00

## GLOBAL

Settings

Algorithm Settings

## INTERFACE

FastEthernet0

Bluetooth

## FastEthernet0

Port Status

☒ On

Bandwidth

☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex

☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address

00E0.F7BC.D0B3

IP Configuration

☐ DHCP☒ Static

IPv4 Address

192.168.1.5

Subnet Mask

255.255.255.0

IPv6 Configuration

☐ Automatic☒ Static

IPv6 Address

Link Local Address: FE80::2E0:F7FF:FEBC:D0B3

