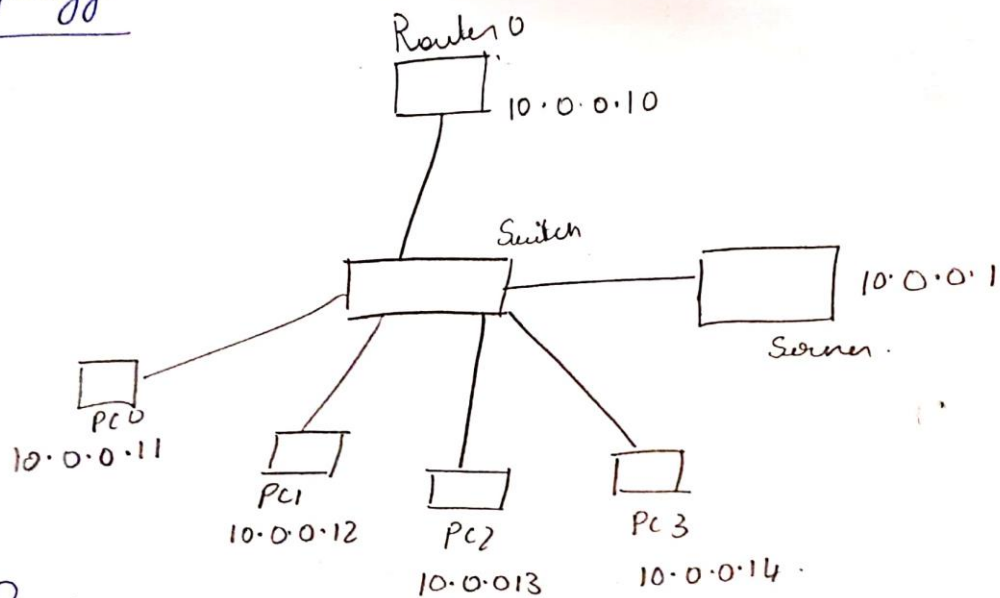


Experiment - 5

Vaishnav S
IBM18CS121

Question : Demonstrate DHCP using Switch.

Aim : Setting the IPs of nodes automatically.

Topology :Procedure :

- 1) Connect the PCs, Server & Router to the Switch as shown.
 - 2) Configure Router 0
 - 3) Set IP & default gateway of Server.
 - 4) Server menu of Server select DHCP, set the default gateway.
- IP Start, and of connection etc, & turn DHCP on.

Vaishnav S

5) Once Desktop menu of each PC, select ip configuration and set ip configuration to DHCP Now PC will receive a unique ip from the server.

CIT commands.

1) enable.

2) config t

3) interface fasteth 0/0 10.0.0.0/255.0.0.0.

4) no shut.

5) exit.

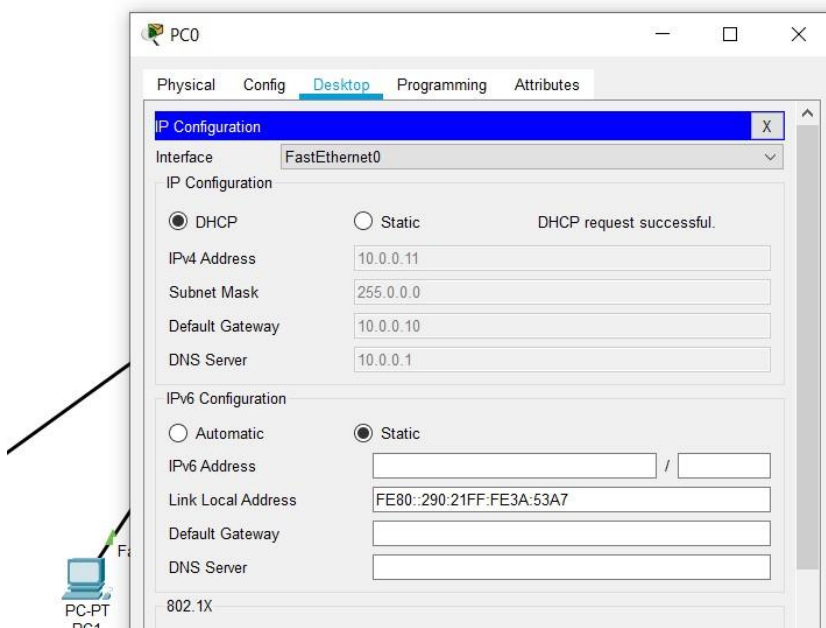
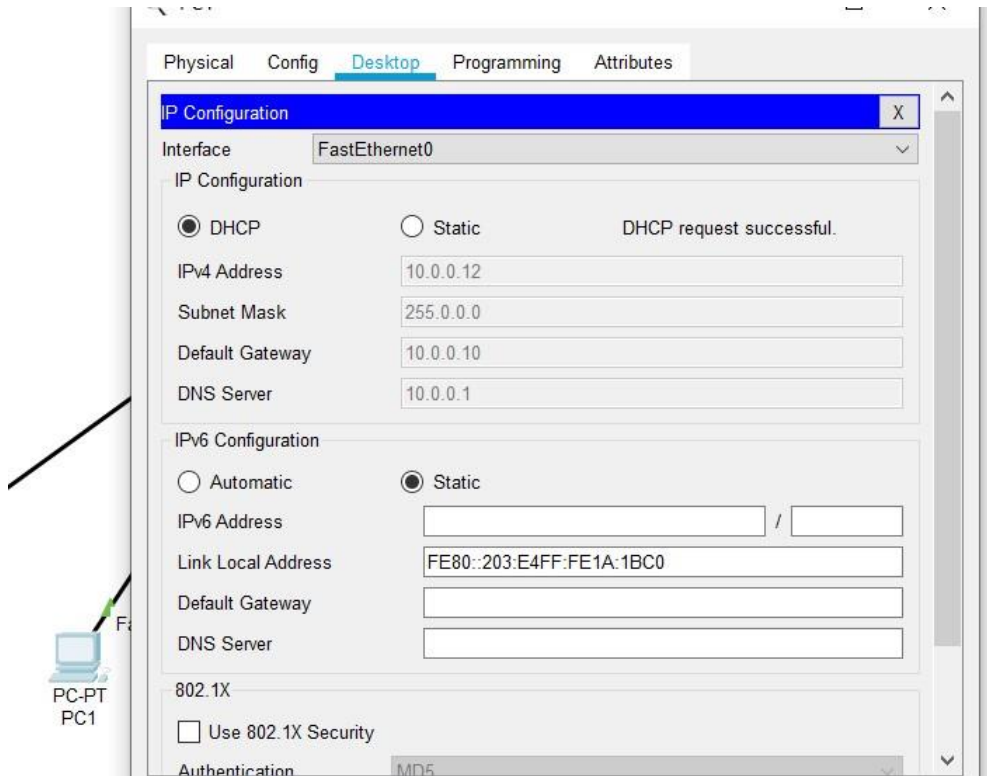
Observation:

1) The Server assigns an ip to the nodes.

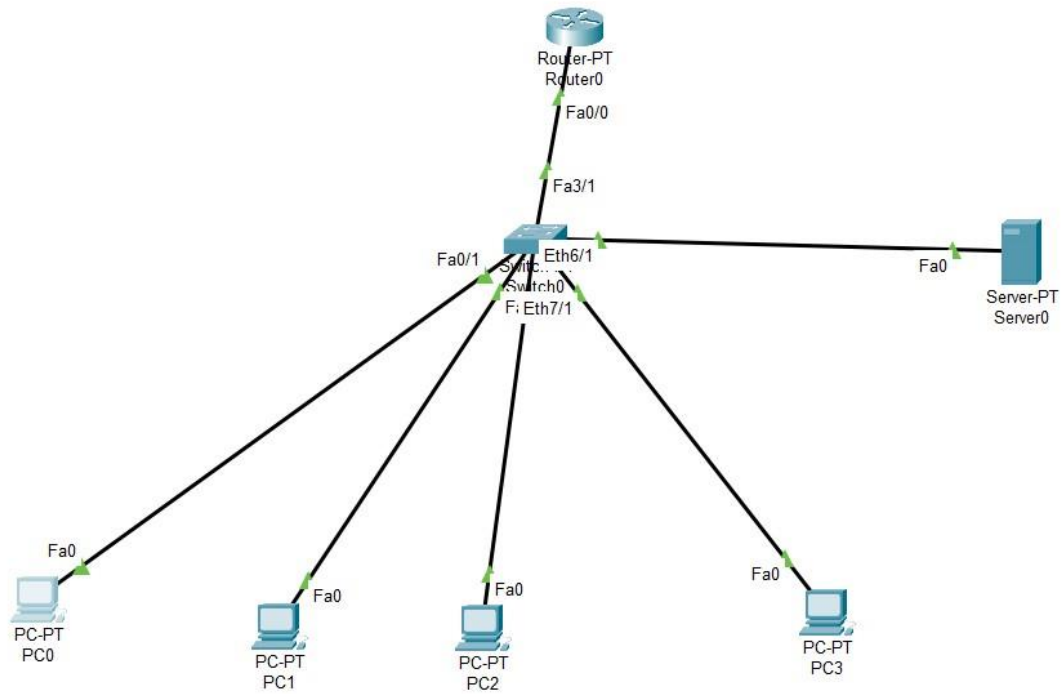
2) if the node disconnects the ip is returned.

Vansh

SCREEN SHOTS:



TOPOLOGY:



RESULT:

