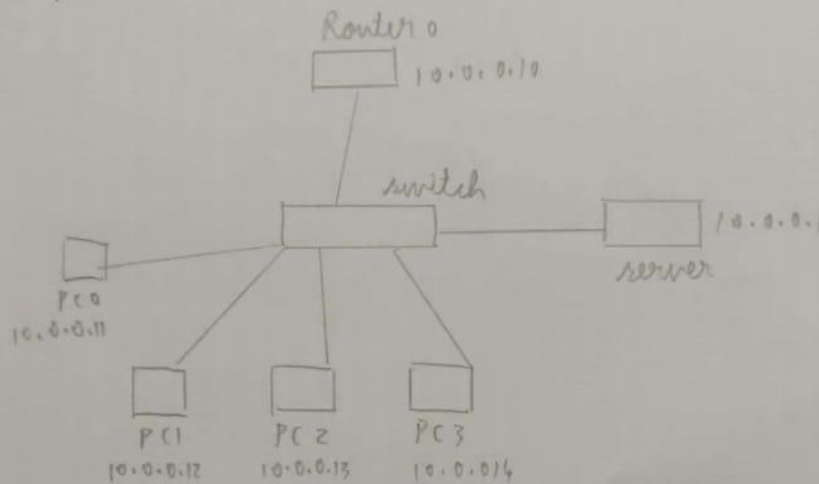Exp – 5

Venkata krishna giri koneru

1BM18CS123

EXP-5

VENKATA · KRISHNA GIRI KONERU
1BM18CS123

Q: Demonstrate DHCP using switch

AIM: setting the IPs of nodes automatically

Topology:



Procedure:

1) connect the PCS, server and Router to the switch as shown.

2) configure Router 0

3) set IP and default gateway of server.

4) service menu of server, select DHCP, set the default gateway, IP start, and of connection, etc and turn DHCP on.

5) over desktop menu of each PC, select IP configuration and set IP configuration to DHCP. now PC will receive a unique IP from the server.
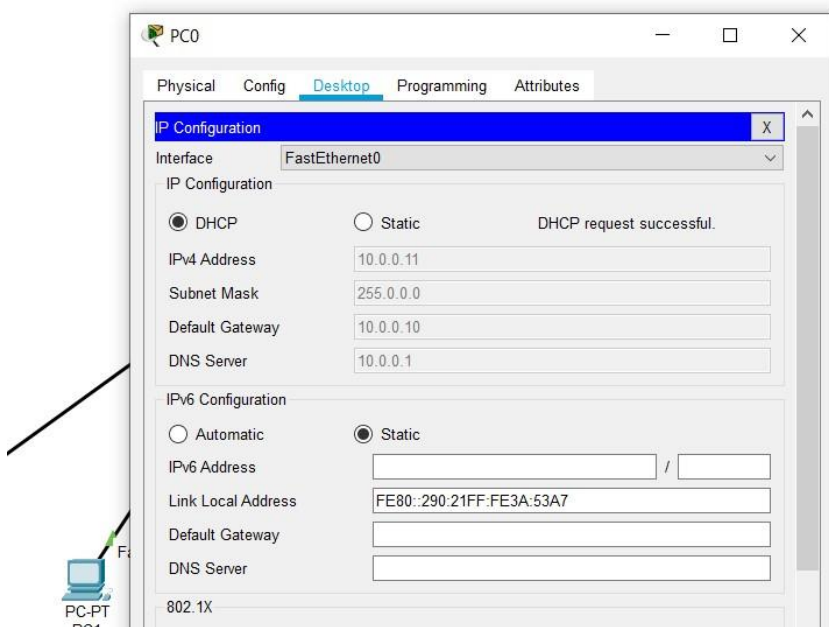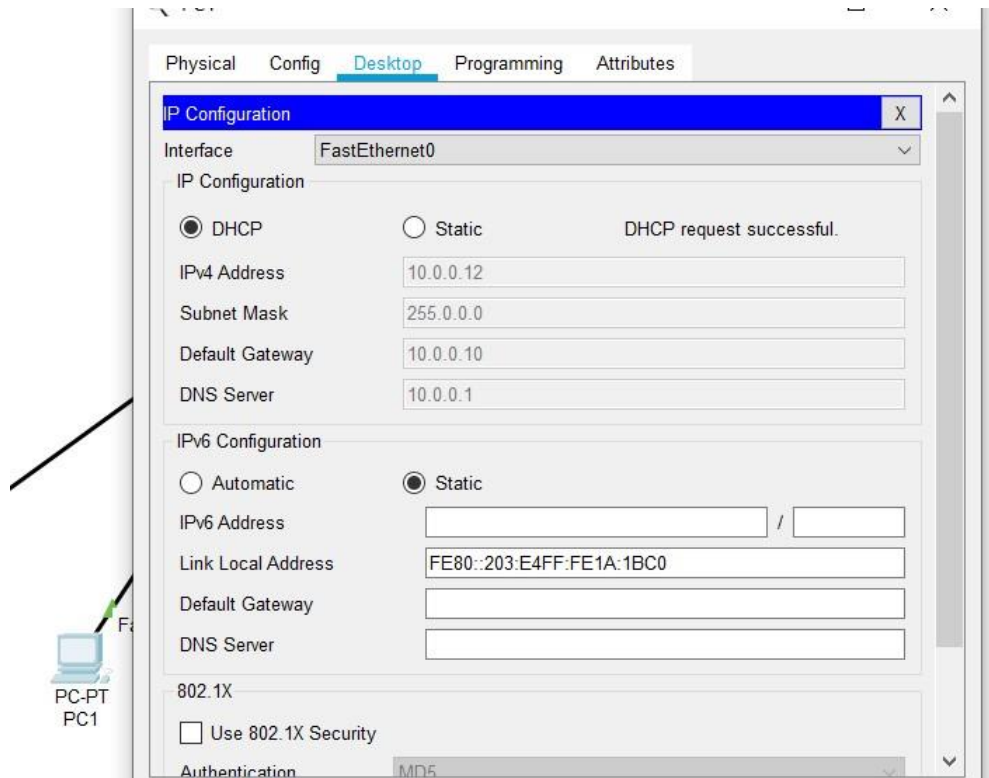
CLI commands:

1) enable
2) config t
3) interface fast ethernet    0/0    10.0.0.10    253.0.0.0
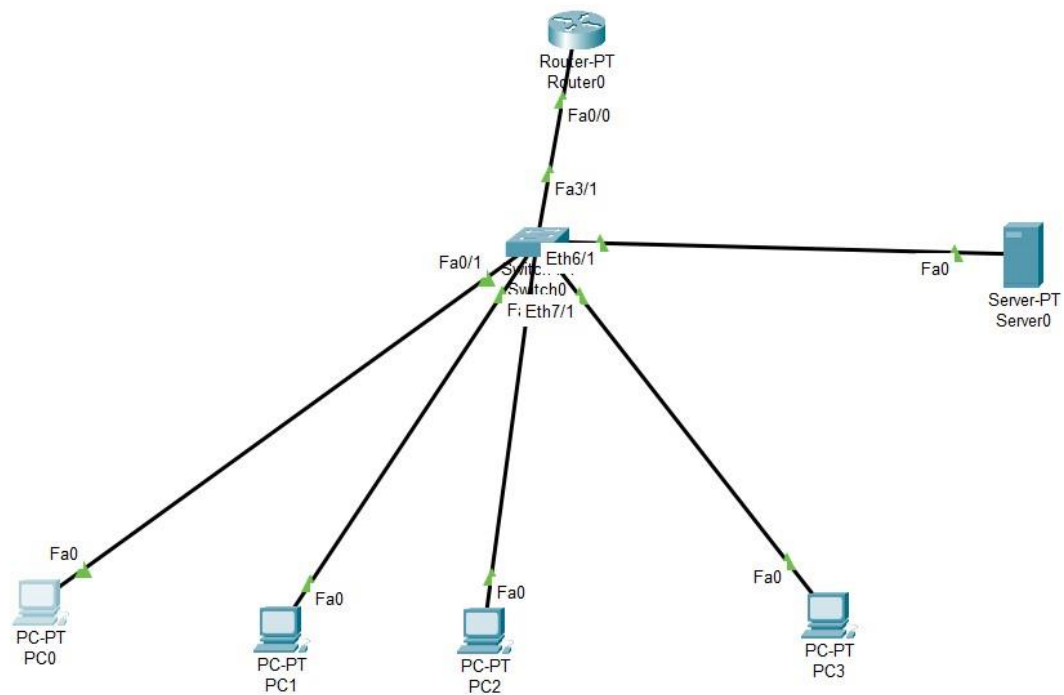4) no shut
5) exit

observation:

1) The server assigns available iP to the nodes
2) if the node disconnects the iP is retrived.

K.V. krishna giri

SCREEN SHOTS:

TOPOLOGY:



RESULT: