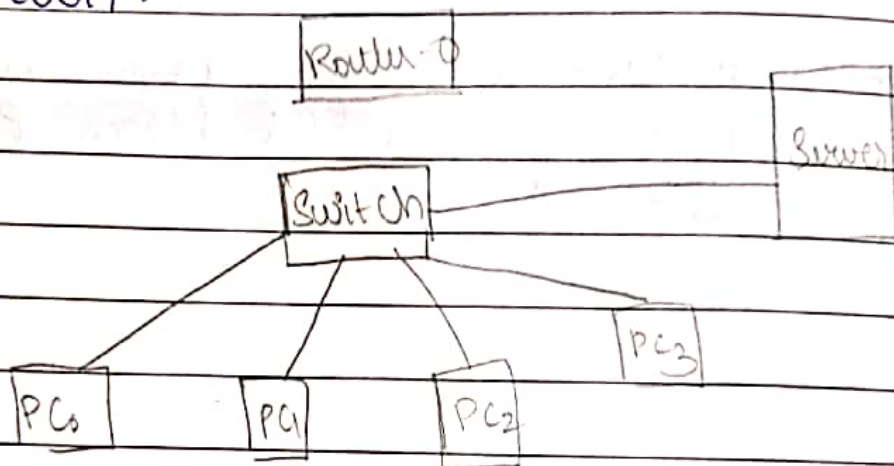


EXP-5

Q. Configuring DHCP within a LAN in a packet tracer.

AIM: To dynamically allocate IP addresses to PCs using server.

TOPOLOGY:



PROCEDURE: 1) Take 4 PCs and connect them to switch. In the switch off it and place another ethernet slot and on the switch. Connect the server to the new slot.

2) Connect the switch to router

3) Go to CLI of router and write the the commands

4) Go to server → services and config fastEthernet ip address → 10.0.0.1 gateway →

10.0.0.10

5) Server → Services → DHCP.

Services → on

Default Gate : 10.0.0.10

DNS : 10.0.0.1

TFTP : 10.0.0.1

Start IP : 10.0.0.11.

Save.

CLI : no → enable → config → interface fastEthernet
4/0 → ip address 10.0.0.10 255.0.0.0 →
no shut → exit.

OBSERVATION: After correct setup IP addresses
are dynamically to all the PCs successfully