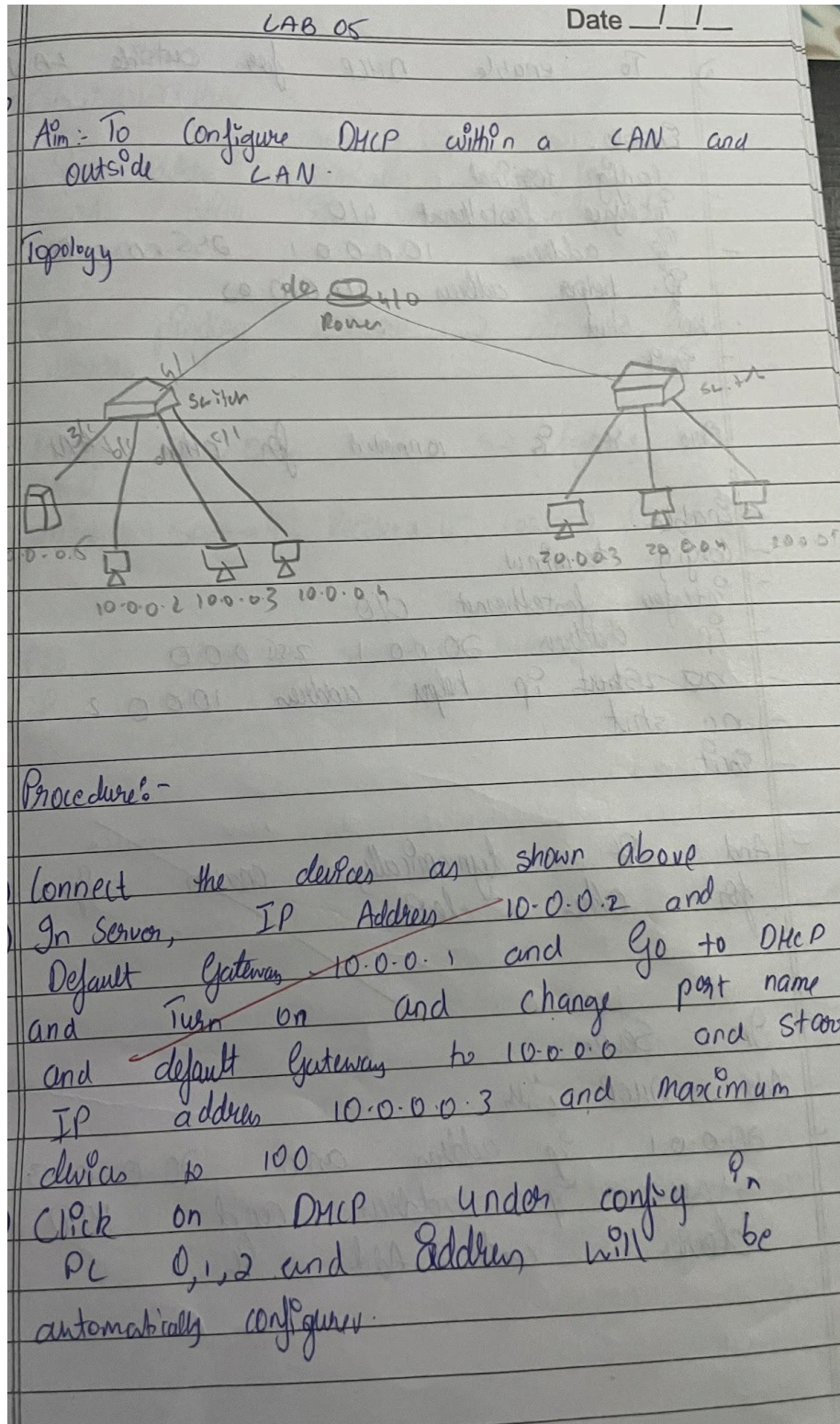


Program 5

Aim: Configure DHCP within a LAN and outside LAN.

Topology , Procedure and Observation:



2) To enable DHCP for outside LAN

- Enable
- Config terminal
- Interface fastethernet 4/0
- ip address 10.0.0.1 255.0.0.0
- ip helper address 10.0.0.2
- no shut
- exit

One & 2 connected for other LAN

- Enable
- Config terminal
- Interface fastethernet 0/0
- ip address 20.0.0.1 255.0.0.0
- ~~no shut~~ ip helper address 10.0.0.2
- no shut
- exit

- And if dynamically enables ip address for other class

- In Swn
- Add DHCP with
- 20.0.0.1 ip address and 20.0.0.3
- start ip address and 10.0
- class and Add it

OBSERVATION

IP address dynamically set for both LAN with IP address 10.0.0.1 and 20.0.0.1

On pinging network 2 devices from network

Ping 20.0.0.3 with 32 bytes of data

Packets Sent=4, Received=4, Lost=0 (0% loss)

PB DHCP request successful
IP address 10.0.0.2

Screen Shots:

