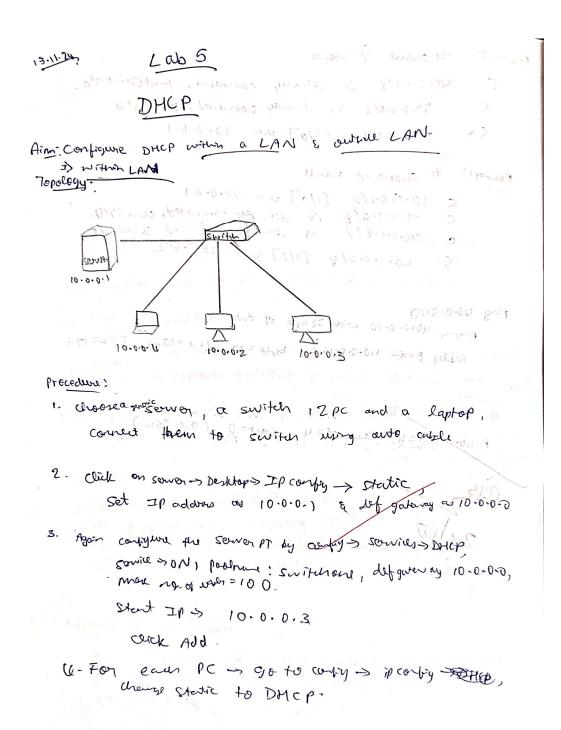
## **Program 5**

Aim: Configure DHCP within a LAN and outside LAN.

## **Topology**, **Procedure and Observation:**



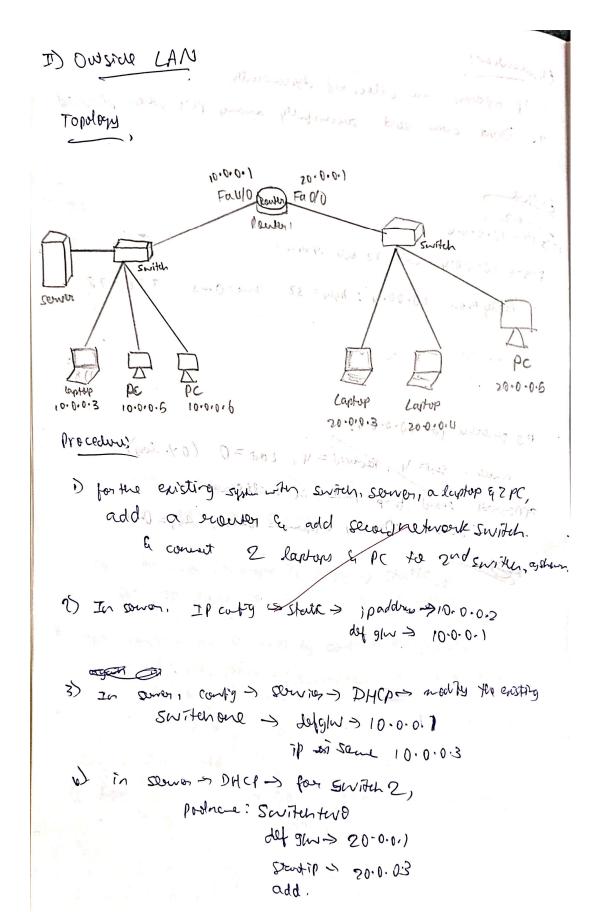
Oppouration! (1) MARIN (1) 1- if address was allocated dynastically 2. Data was sent sucurfully avong pris when pringged, 710.0.0.2 PC> ping 10.0.0.4. Byolea 10-0.0.1 my 35 phy 21 gare; Reply from 10.00.4; hyly = 32 the = 0 ms fig statistics for 10.0.0.4. Padet : Set = 4, Terred = 4, Lost = 0 (0 y. log) approposed send trop these in will secusly it is Monnie Done One One Avg = Ond 61 29 2 william S. towers Dr. 1991 of In some Is coty assume produced to grant of places and HC CHUNDS CHAIR HOLD IN TO 1.0.0.01 + William > 10.0.0.1 8.0.0.01 2.02 Ta g. 1 Summer of 6-1040 - 200 1 6

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5) Do the reacter configuration.

confry formal and the second pretions of the second interface Fast ethand 4/0 ip addrew 10.0.0.1 259.0.0.0 ip helper-address 10-0-0-2 no Shut enet

6) Now save for 2nd network as.

interface Fastethout 0/0 if addray 20.0.0.1 255.0.0.0 if helper-addrew 10.0.0.2 no stad

Observation.

1. It addresses are allocated dynamically.

2. Duty was sent successfully away PC'S when pingged an opposite the state of the state of

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## **Screen Shots:**

