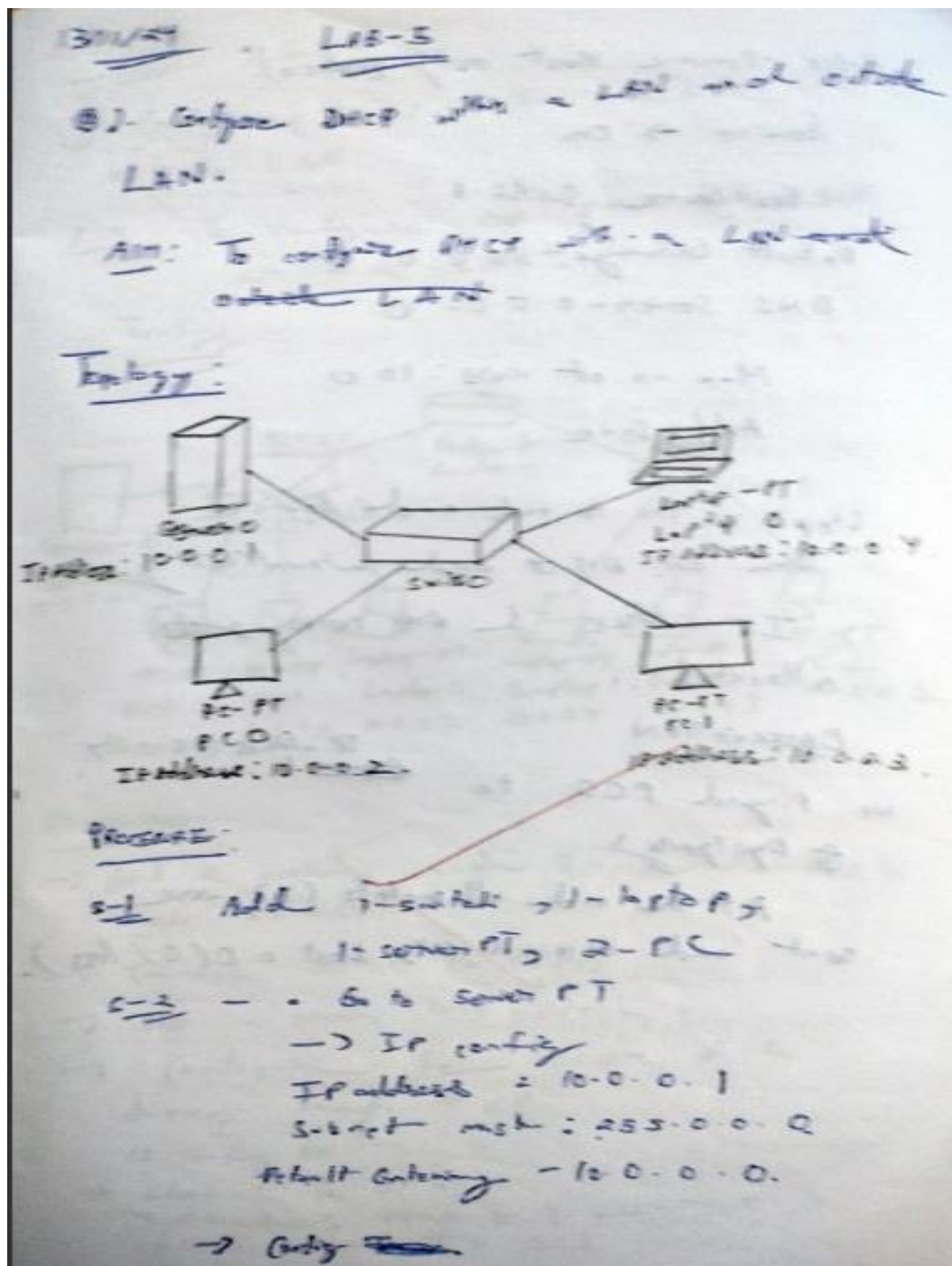


Program 5

Aim: Configure DHCP within a LAN and outside LAN.

Topology , Procedure and Observation:



DHCP - Dynamic Host config protocol.

Service → On

Pool Name: Switch 1

Default Gateway - 10.0.0.0

DNS Server - 0.0.0.0

Max no of users: 100

Add, Save

Step 3 - Go to each end device

Turn on DHCP and automatically

IP address & DNS server gets allocated.

OBSERVATION

We pinged PC0 to ~~PC1~~ IP address 10.0.0.7,

By typing

At the end all packets (4) were sent and Received = 4, Lost = 0 (0% loss).

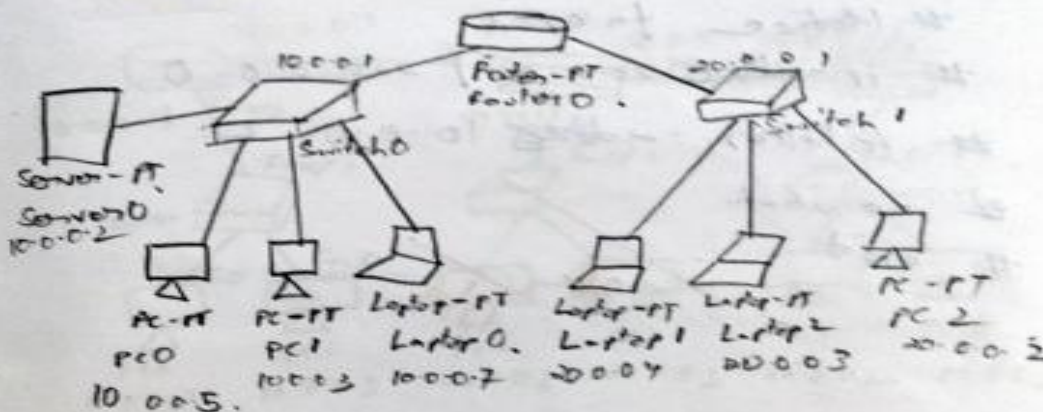
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LAB-5

④ Configure p1c1 within a LAN and outside LAN.

Aim: To configure ~~at~~ p1c1 ~~at~~ outside a LAN.

Topology:



PROCEDURE

→ Add 2 switches and 3 end devices to each switch

→ Connect switch to router

→ Add a server to 1 switch by

→ 2 Configure the rest of the devices through PC.

Config t

interface fa 0/0

IP address 10.0.0.1 255.0.0.0

no shutdown

no shutdown

exit

④ Observed

The msg is sent and 01er assigns
to all end devices.

2nd network CLI:

```
# interface fa 0/1
# ip address 20.0.0.1 255.0.0.0
# no shutdown
# exit
```

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Screen Shots:

