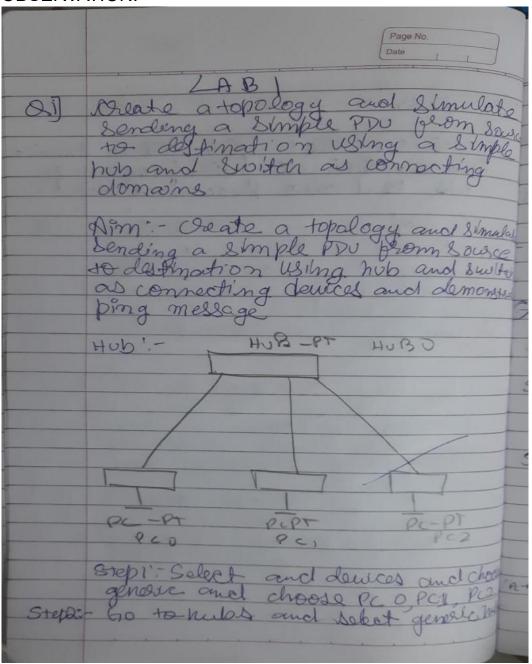
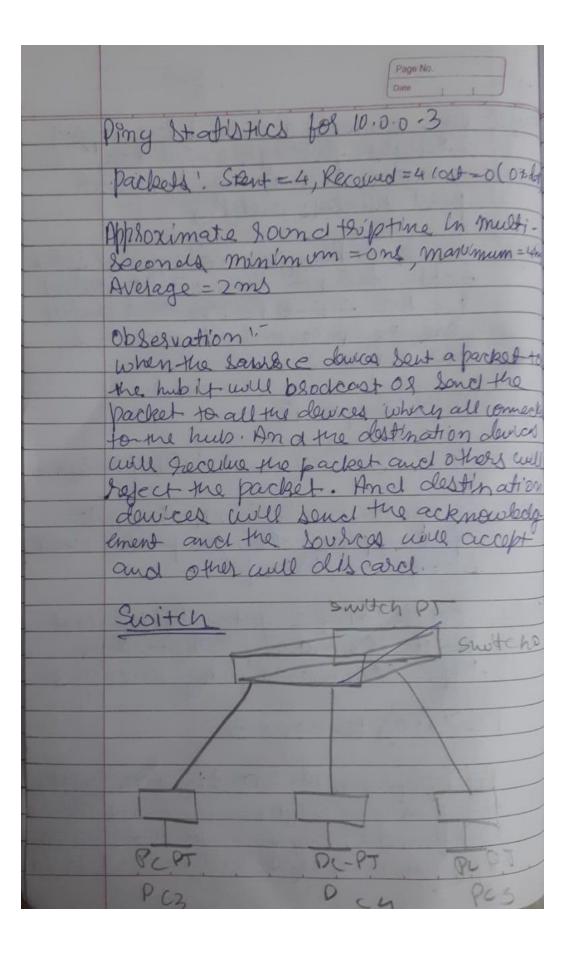
LAB1

Create a topology and simulate sending a simple PDU from source to destination using hub and switch as connecting devices and demonstrate ping messages.

OBSERVATION:



Step 39 - Groto connection and Select coppes Page No. Staught this ough words then connect PC's to the hob (select post numbers and PC hub (select dole on PC goto comping and solded St othernet then set I Paddless of the 10.0.0 PC. Do the Samelyof all the PC'S 10.0. \$, 10.00.2 teps: Add simple Pou Step 6- Click salres and destination systems copture / play then me packets will stands to transfer teps. Click on PC goto disktop and Select command prompt. Then type command pring 10.0.0.3 > ring 10.0.0.3 Keply from 10.0.0.3 bytes=32 +thme=4 hs from 10.0.0.3 bytes = 32 thme = 375 TTL= R8 Reply from 10.0.0.3 bytes = 32 +the = ond TTL= 128



Page No. phoredure 1 Hepl: Select Switch and 8PC'S 12: Set 1 Paddess for all the PC's 10.0.0.4, 10.0.0.8, 10.0.0.6 PC -> catalog -> past Ethernet -> 18 address Steps Connect PC'S to the Swotch By blecting copper stranger through Schot Source and destination 345- 40+0 Simulation made & click on Step 6- Click on PC-> Desktop > Command plompt Ping Melsage Per Ping 10.0.0.6 Pinging 10.0.06. with 32 bytes of dofe from 10.0.0.6 bytes = 32 time = 4my TTL=12 Reply from 10.0.0.6 bytes = 32 time=2my TTL=128 Reply from 10.0.0.6 bytes = 32 time=2my TTL=128 Reply from 10.0.0.6 bytes = 32 time=2my TTL=128 plag statestics for 10.00.6

parkets sent = 4 Received >4 COST = OCOTILIN phrowmate sound triptime in milliseconds min Incum - 4my marching = 4ms Avg = 24ms observation :-When the borst time the proket is said the builth will dist Sibute the packet with all devices. Once It changes orband the IP address It will only send pack of to to dastination and send ack nowledge mont to me source Switch-Itub connectioni-Suntenot HUDST Copper stage the Steps- Pheviously drawn how -topology & hun port 315 wood in switch

port theiner 3/11/2 used. 12- Add Simple PDC from PC0 to P3 Ping. 10.0.4 with 32 bytes of data Reply from 10.0.0.4 : bytes = 32 time= las TE=128 Reply from 10.0.0.4', bytes = 32 time=1 ms TTZ=128 eply from 10.0.0.4: bytes = 32 time = 1 mg TTZ = 128 Repty from 10.0.0.4. bytes = 32 the = 1mg +12=129 plug Statisfies Gos 10.0.0.4 packets'. Sent 4 Received =4 loss =01. pppso ximate sound telp times in millipords Minimum = 4nd maximum = 4my Avalege = 4my Ob servation 1-In Shmulation hode PC D sends parket to hus sends it to PCI, PCZ & Swife board casts it to PC3 Pcip qu pron PC2, PC4 & PC3 dis cosals from PC3 accepts & Sends acknow-ledgement to hub Heloogn Switch. the is 10% and cost ill to all spes oney peo accepts it and others disparde in second hound PCD.

Page No. Date

OUTPUT:

