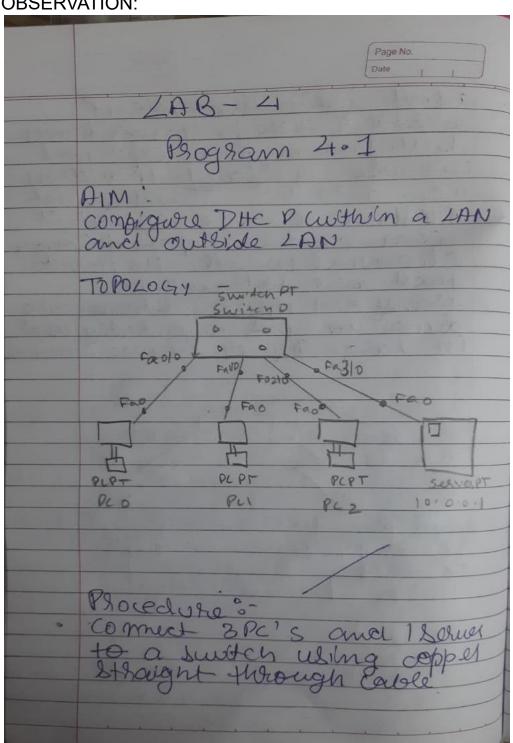
LAB-4

Configure DHCP within a LAN and outside LAN.

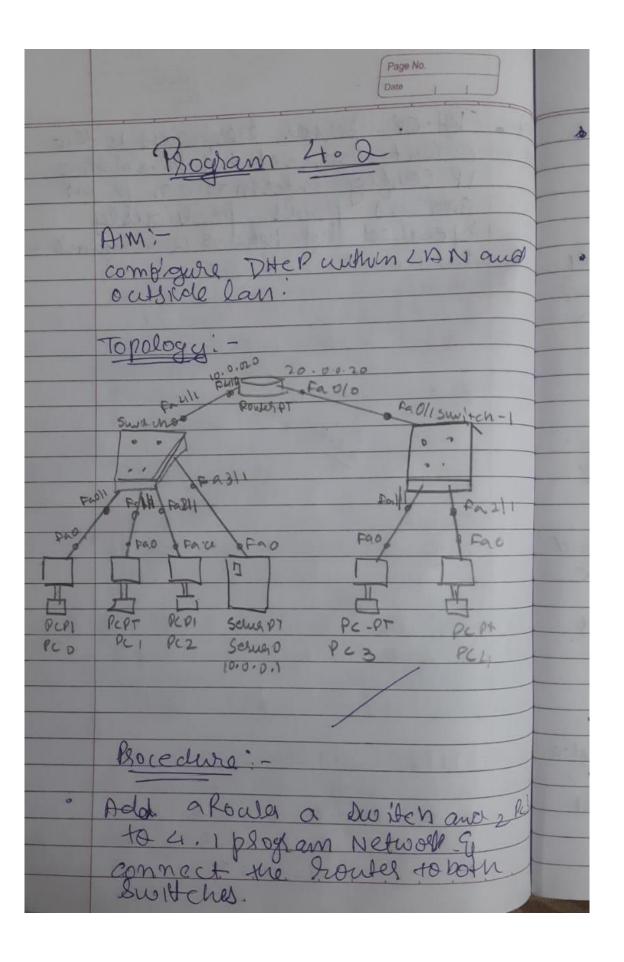
OBSERVATION:

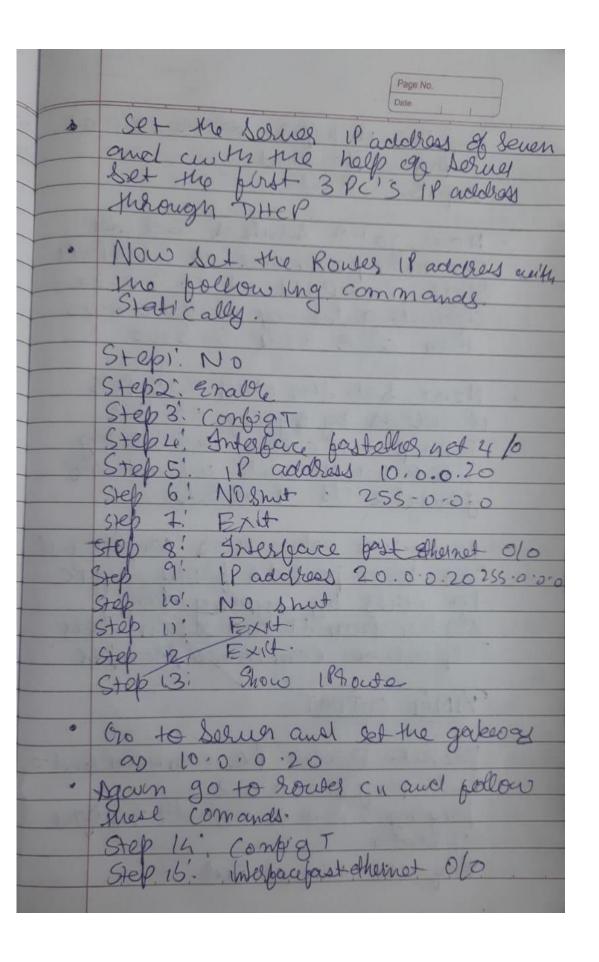


· Click on solver and go to solver tall solver DHC P and Horn on the DHC P Solver. Set the @ 1 Padebrers as 10.0.0.2 and duck on save button Before this set the 1Padobass bast Ethernet as 10.0.01 Next click on PC 0 and go to desktop tab, click on IP config. Select DHCP here it will request gos an IP adobress and successfully get the DHCP Greguest also set the IP adobress "Ke peat this steps for other 2 PC's . To legica a packet across Pc's goto PC's command prompt and type ping destination IP adolines PING OUTPUT Packet . + saws PC commence Line to Pinging 10.0.0.3 with 31 bytes

Page No. Reply from 10.0.0.3; bytes=32 +the=onthe
Reply from 10:0.0.3! bytes=32 +the=onthe
Reply from 10:0.0.3! bytes=32 +the=onthe =128 128 Ping Statistics from 10.0.0.3 packets. Set = 4 Re ceina = 4, 20st = 0, (090 Loss) App 80timate round trip times in Wesconds: Minimum = 0 ms, Narvinum = 1/1 OBSes vation alsign an IP address to any device or node. Still a & clent - seguel protocol in which somers manage a proposed unique 18 address & asso THE P-enabled clients some my want to omeet to a network.

Page No. VH-CP server tresponds to the chent tog cest by providing information from address pools previously specified by netroopile adminis 728 0





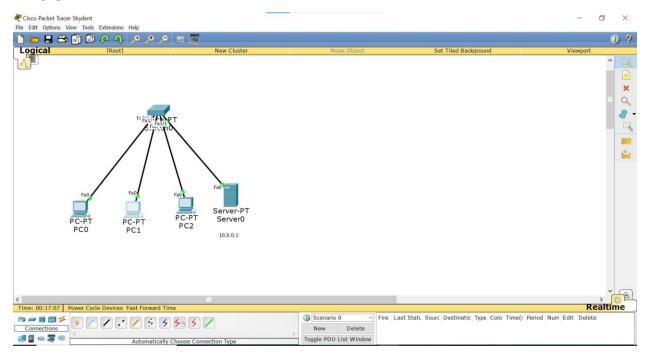
Page No. Step 16: 18 helper-address (0.0.0.) Step 18: 1 Exit. one more poolname as somes Pools Start Padelress as 20.0.0.2 and then dick add to Same. Now bet the other two Be's Destrop I config and selecting

The P which will automatically generate ils is address. None the network is complete and com send packets from any PC to other by typing ping destination is acidrosyain they respective command prompts PING OUTPUT plugling 20. 0.0.2 with 3-2 bytes packet fracer PC command sine ? Request timed out.

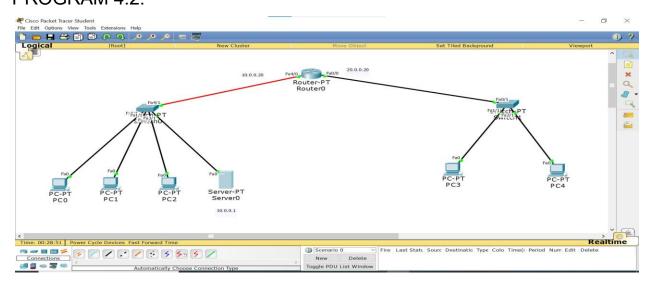
Reply (from 20,002) Reply from 20.0.0.2; bytes=32 +line=oms TTL=12: Reply from 20.0.0.2 : bytes= 32 the = ony TL=123 Reply from 20.0.0.2 - bytes = 32+me = omorrison Ping Statistics 601 20.0.0.2 (25 \$ LOSS) Reciewal = 3, last =1 Appso timate round trip time in millisec onas Minimum zoms, Marcinum zoms, Avelage = om. OBServation 3-· DHCP is used to assign it address dynamically to different devices. To assign continious 18 address we Create a serverpool where we assign me starting it address and a default gateway number. Tes PC'S under different southless Vive create a different servitorel again and Start. packels to correct destination i Paddress 9 Intras deutce.

TOPOLOGY:

PROGRAM 4.1:

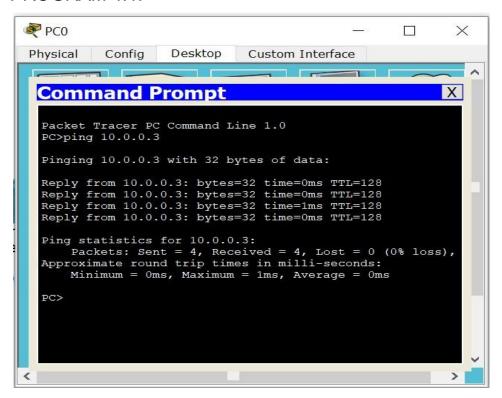


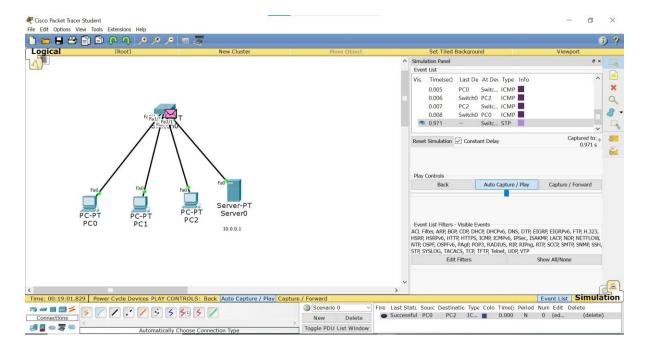
PROGRAM 4.2:



OUTPUT:

PROGRAM 4.1:





PROGRAM 4.2:

