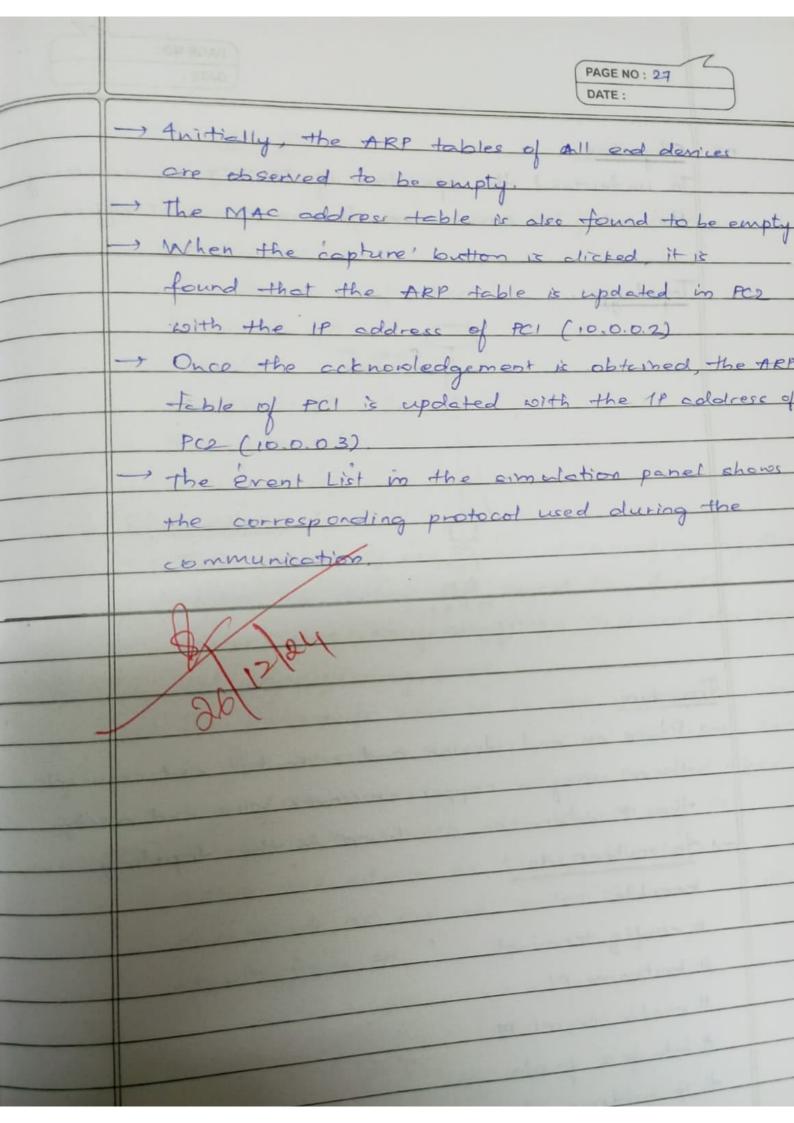
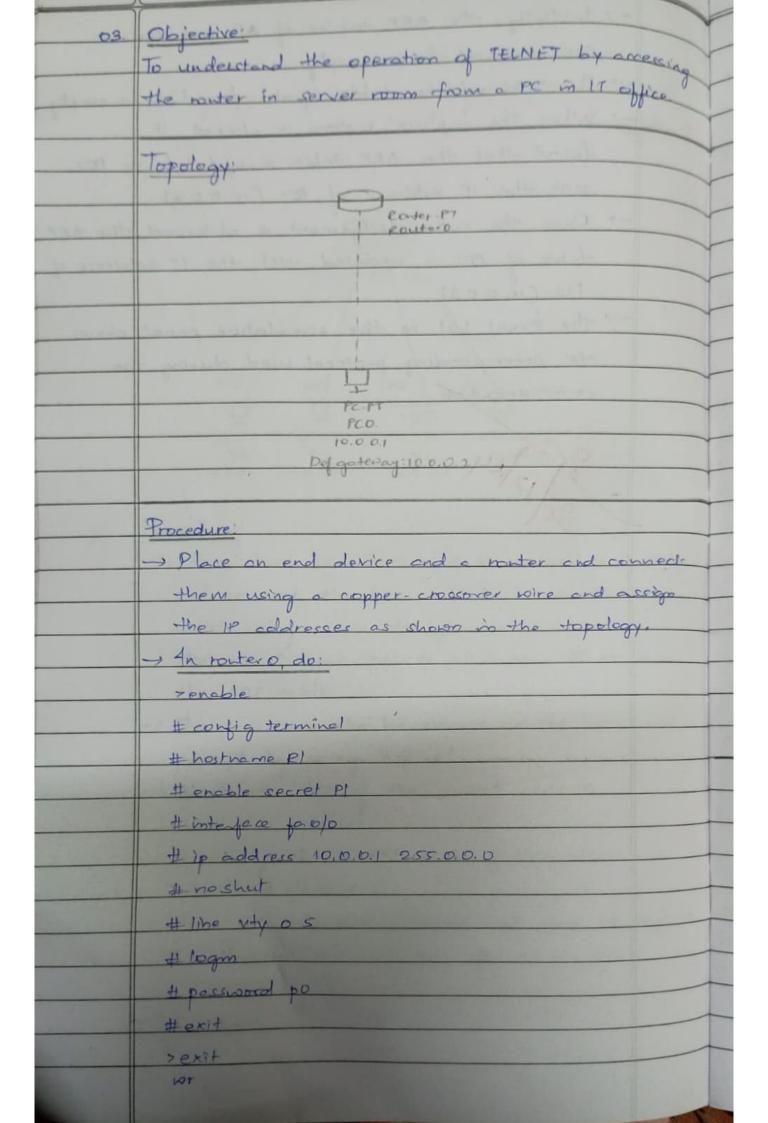


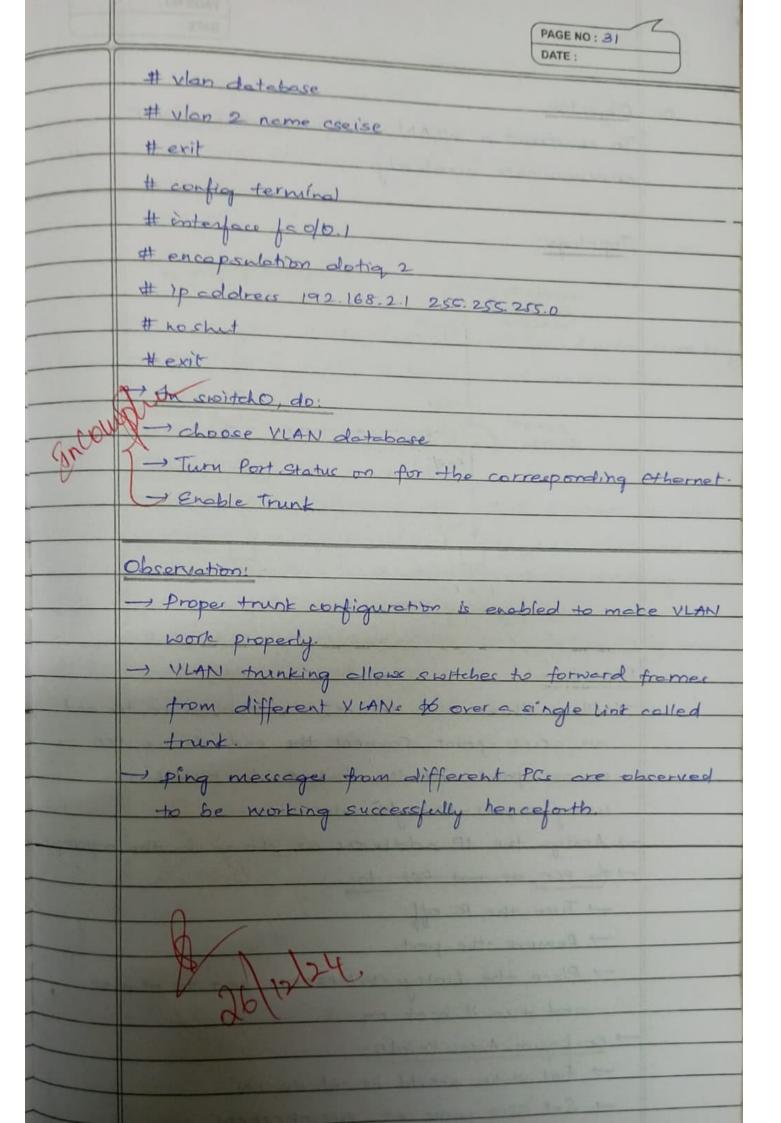
PAGE NO: 25 DATE: Observation: -> The server's neb page could be successfully accessed from the PC by entering the resource The DNs server rould hence be configured within a LAN by enabling the DNR

DATE: Objective: To construct simple LAN and understand the concept and operation of Address Resolution Protocol (ARR) Topology: Switch PR pervero Procedure: -> Place three and devices, a server and a switch and connect the pas and the server to the switch using copper straight wires - Use the Englect tool to click on a PC to view the ARP table. - the same can also be viewed in the command prompt by using 'arp -a! Go to the CH of the switch and do show mac adolress - Similarly obtain ARP table of the conver other end devices - Enter the simulation made and click on capture by selecting for and pre for simple PDUs Obcervation

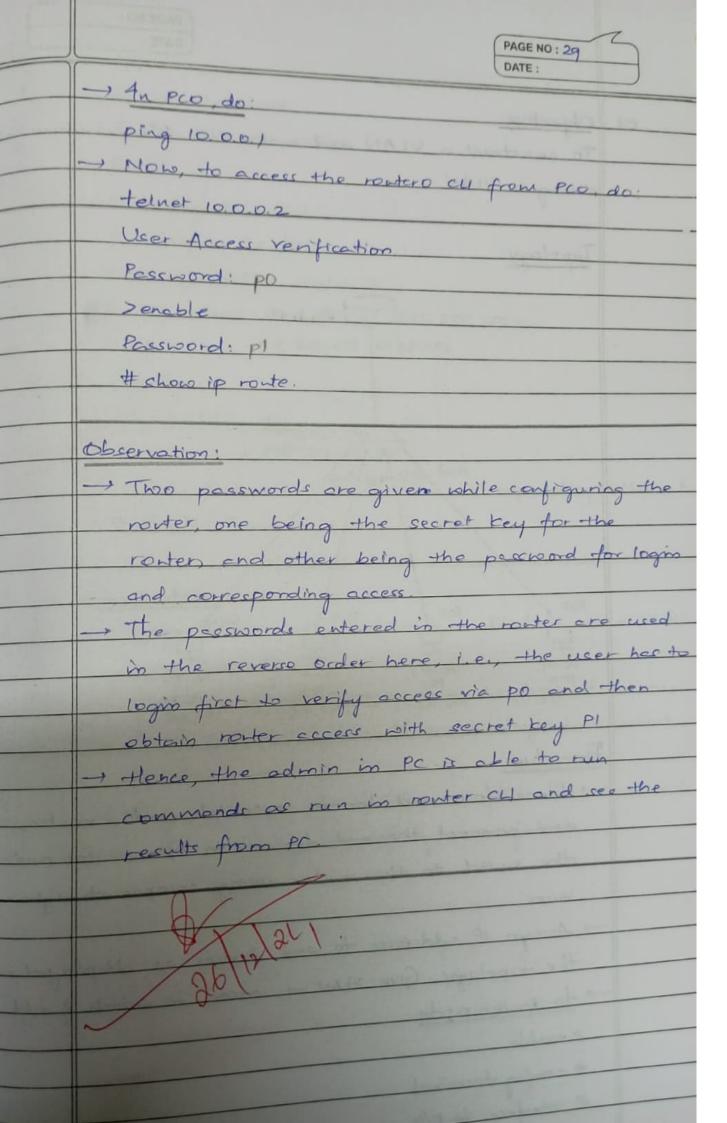
PAGE NO







	DATE:
04.	Objective
	To construct a VLAN and make the PCs communicate
	among a VLAN
	Transform
	Topology:
	PRatero
	192.168.1,1 F12.168.2-1
	Switch PT Switcho
	Secol feel, feest, Seed
	Fao / Fao / Fao / Fao /
	<u> </u>
	PC-P7
	1921182.1.2 192,158.13 192,151.22 192.168.23
	Procedure:
-	-> Place four end derices, a switch and a router,
	and connect the end denices to the spitch and
	the switch to the norter using copper straight
	- Assign IP addresses to end devices as displayed in
	the topology Give VLAN no, name in snitch & add
	-> In Router o do:
	> enable
1	the config terminal
	# interface for 0/0
	# exit
	# exit



DATE: os Objective: To construct a WLAN and make the nodes communicate mirelessly Topology' PC-PT Router PT PCI Poutero Fa0/0 Fai/1 Access Forni-PT SH Ach PT V Fazzi Access Pointo Switcho Fa0/1 Fao Loptop-Py captopo Del geterry 10 0.0.2 Procedure: Place three end derices, a spitch, a router and an access-point. Connect the end derice Pao, access -point and the Routero to shitch o using copper-straight wire Assign the IP addresses as shown in the topology - In PCO, do and Pet do - Turn the PC off. - Remove the port. - Place the Linkeys - WMP300N port to the PC and turn it back on - configure Access Pointo: -> Port status should be sel to 'ON' - Set SSID home as 'BMSCECSECN' - Set channel authentication to 'WEP' and

PAGE NO: 33 key as 1231/567890' An PCI and laptopo, do: - Turn the system off. - Remove the port. - Place the wireless port and turn it back on - In config do -1 Set the same SSID. - Set authentication to WEP and enter some key. Ping from different derices and observe the transmissions Observations: - After the setup of PCI and laptopo, wireless connections with dashed lines were observed in connection with Access Pointo, indicating expressful wireless connections - Denice could connect to WLAN since they were in the network range Signal strength decreases with morease in distance.