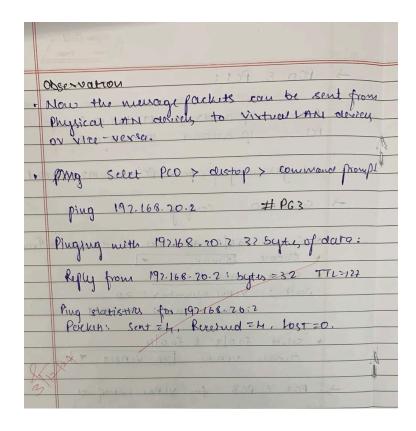
NAME: Mohith Jain USN: 1BM22CS162

CN LAB 9

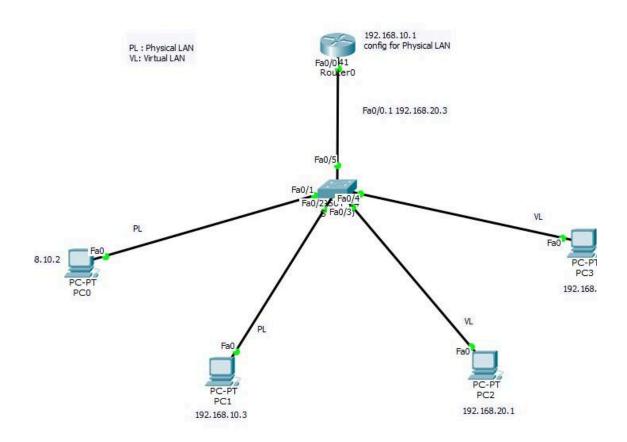
<u>AIM:</u> TO CREATE A VIRTUAL LAN ON TOP OF THE PHYSICAL LAN AND ENABLE COMMUNICATION B/W PHYSICAL LAN AND VIRTUAL LAN

OBSERVATION:

	3.12/24		Rafna Gold Trade: Page:
	Lab-09 12.1457 93A	\rightarrow	PCO & PC1: NOTHINGOLD
AIM:	Po execute a virtual LAN (VLAIN) on top of the		is ad you stated any appropriate with wall.
	physical LAN & enable communication between		POD : ip add xels 192:168.10.2
alott	physical LAM E, virtual LAM:		PCI : 19 avadrus 197:16.8. (0:3)
10	Franks A interface which allows nursage to par to different LAN'S	Mary 1	set gateway for path PC's as 192.168.10.1
20/0-	Topology:	\rightarrow	Suite it o : config and all
0	and a man and tout to	: ode	* Select Fa0/5 to make the switch a Trunk
	Fago 192.768.10.1	accord.	· Select VLAN Datobau.
	Eac 0.1 197.168.70.3	10700	And; VIAN Number: 20
Quet	Fools 2950T-14		VIAN None: VLANS
	Taoli Caolii		- mai . H = hardened at east carried
1	Made tools	10000	· Selvet fao 3 & fao 4
(90)	to nay hard with the		Chouse VIAN [20: VIAN1]
		\rightarrow	PGZ & PC3 for VIAN interface
	ROO 1.00 PR-1 1 PC-2 PC-3		PC2: ip addrew 192.168.70.1
	197.165.10.2 197.168.103 197.165.20-1 197.165.20.2		Gateway 197-168-70.3
	engitamoedo		Cateway 197-168-20.3 PC3: 19 oddrew 197-168-20.2
	Configuration: Fourtex: 1841 Switch: 29507-24		gaturay 192-168.20.3
	- Rowsex O : Ever to CIT 0 - gro (→	Silver Rootex O: CIJ
V 15	Routes > ; evente whom burney		> Text fa 0/0.1
	Rooms H confige 10001	Fill	> encepsulation dotte the house
	Rayer (config in sur facto		FYLAN nomber
	ROMEN (Cort g-1) A up addrey 197.188.10.1 716 16.188		> 1p malaress 192.168.20,3 25.255.265.0
			> no shotown

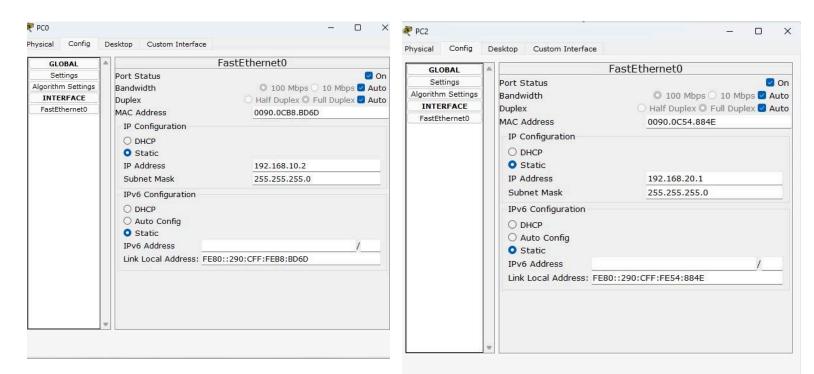


TOPOLOGY:



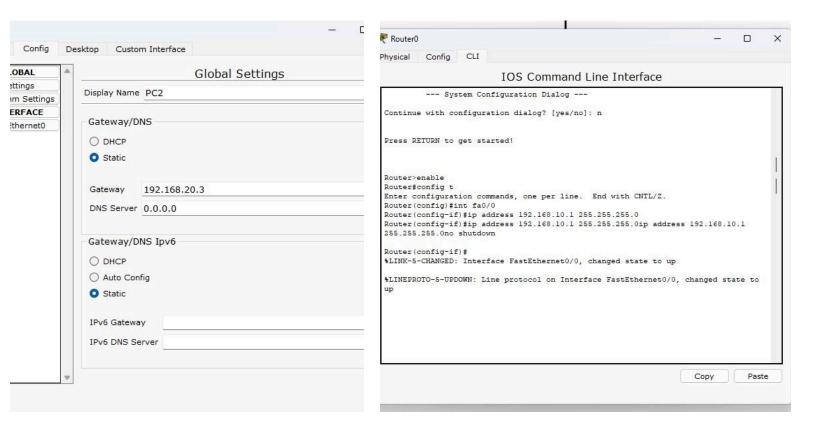
PC0 CONFIGURATION:

PC2 CONFIGURATION:



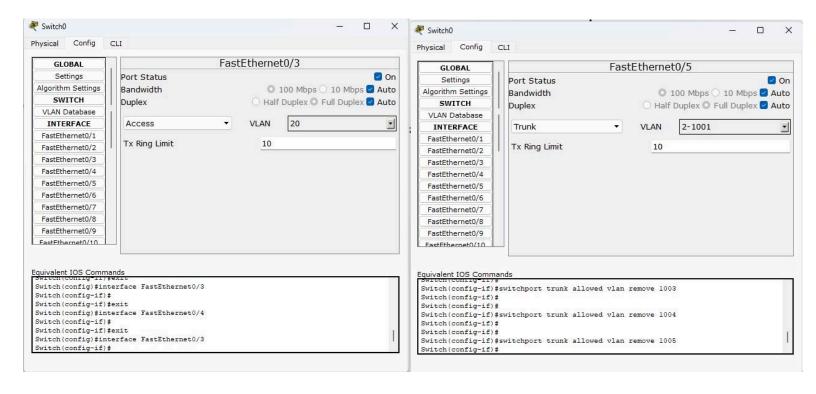
PC2 Gateway CONFIGURATION:

ROUTERO CONFIGURATION:

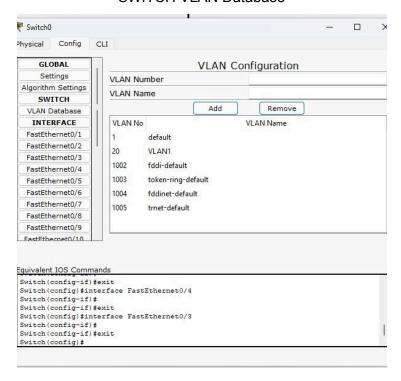


SWITCH Fa 0/3 configuration

SWITCH Fa 0/5 configuration

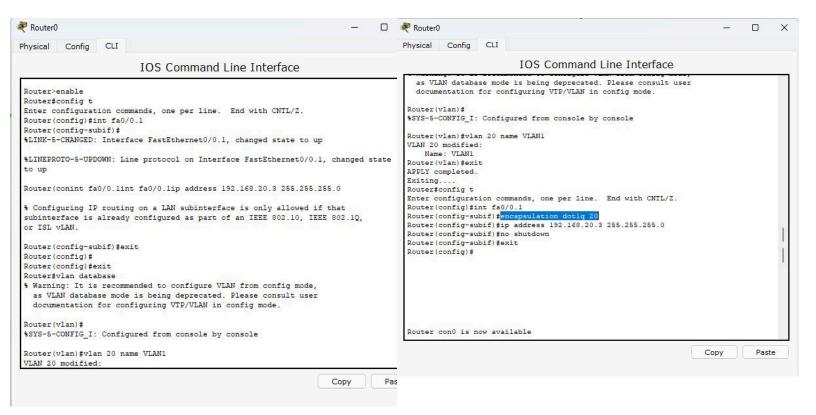


SWITCH VLAN Database

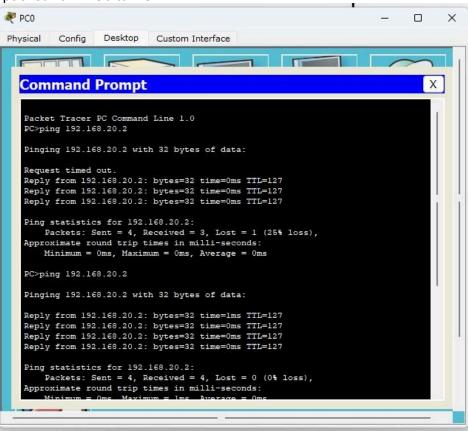


Creation of Fa 0/0.1

Encapsulating Fa 0/0.1



Ping message packet from PC0 to PC2



PDU

