

Department of Computer Application

Computer Networks Lab

AMIT RAWAT

MCA Sec-C

SEM-2

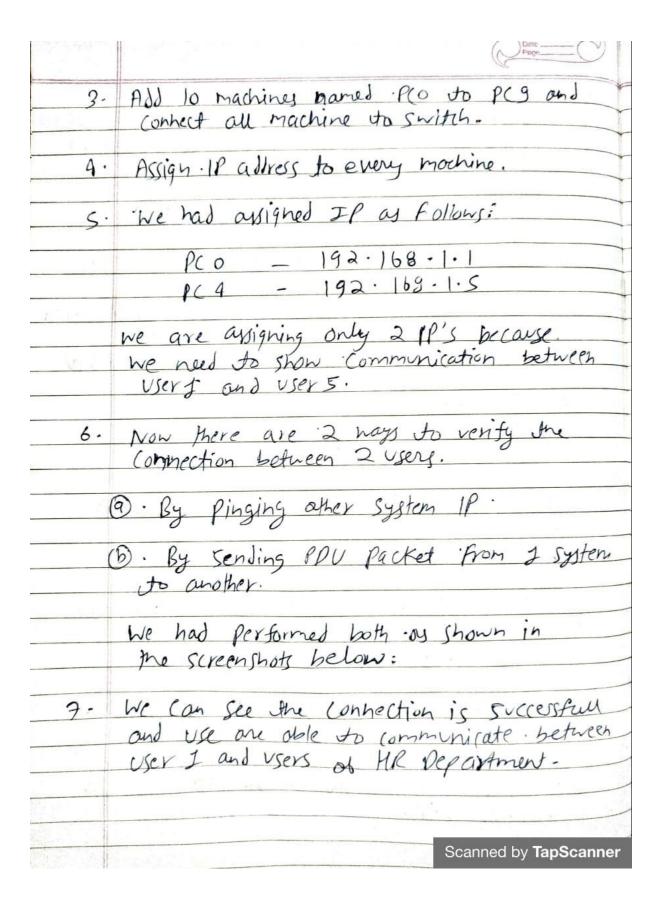
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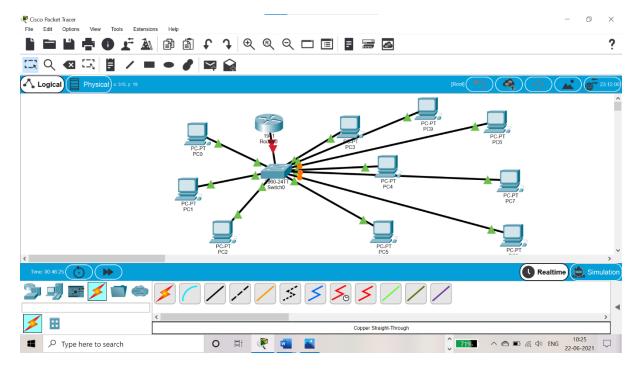
STUDENT ID: 20711159

department and the size of the department is 10 users. Also, show the communication between user number 1 and user number 5 of the network.

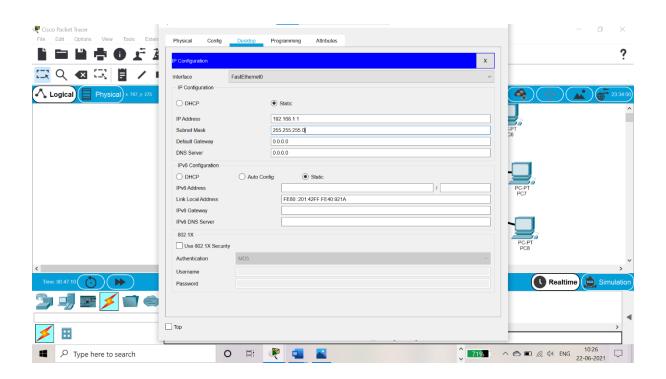
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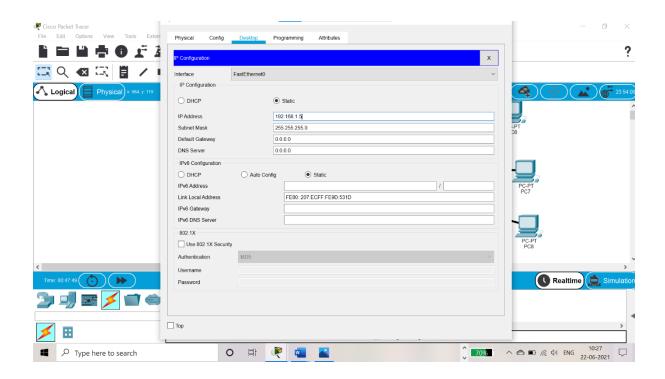
ns =	
	Data Prage
	* Name => Amit Rawat
	Gulant 10 => 20211159
	Course => M(A (Sec-C) Dehradun (ampus
	MID Term Practical Exam of Computer Networking
27:	>* Problem Statement => There is on organization
	A with multiple departments pesign a network
	for the MR department and size of the department
	is 10 year. Also show the communications
	befreen user number I and user humbay
	5 of the network.
*	Objective description => We need to create a
1	Vistual LAN Environment in cisco packet
	Tracer that will show communication between
	2 Users.
14	
*	Steps to perform
	We will place notes first = Organization A, HR perartment and uses
1	Ovarnization A 4R pelar thrent out user
	I to vser 10.
٦.	Add Youly and Switch and Conhect them
	with cade,
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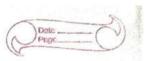
IP Address Assign



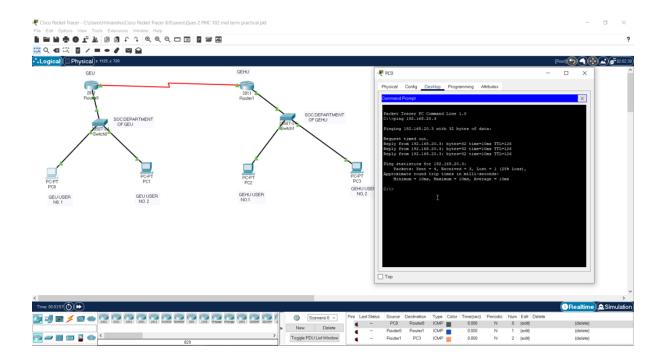


Que 2 = There are two organizations in a city named GEU and GEHU, design a network between the SOC department of GEU and GEHU. Also, show the communication between user number 1 of GEU and user number 2 of GEHU.

=> *	: Problem Statement => There are two.
	organizations in a city named CREV and CREH
	design a network between the SOC department
	of GEV and GEHU: Also show the
	Communication between user number of
	GEV and User humber 2 of CIEHU.
*	Objective Description: we will create a
	Virtual LAN environment in CISCO Packet Trace
	that will connect - 2 uses of different.
	departments and connection will be established.
*	Ctear An Devsayna.
1	Steps to perform:
(a)	· We will · Place notes First =
	2 organizations named GEV and GEHU
0	Soc pepartment.
	Soc pepartment. Ver g and Vser 2.
	Man of
(3)	we will place 2 souters and 2 switches,
	Router O, Router J
	Router O, Router J Switch O, Switch 1.
(· Connect both youters with said DTE
0	
	wire.
1	The off or its 1 1 1 motor with
0-	Connect switch and tetung router with
100	normal wire.
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	(Pege)
② ·	Add 2 System or 2 users in each organization named user not and user no 2.
B.	Assign IP address to all 9 systems in both departments.
9 .	we has ossigned following IP address to 2 System.
	IP of GEN User 2: 192.169.10.3
(h) -	Non again there are 2 ways to verify Communication between 2 very.
	-> Pinging other User IP -> Sending pour facket from user I to usuz,
<u>.</u>	Connected. We are able to communicate between them via various methods.
	XN
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CGR1240