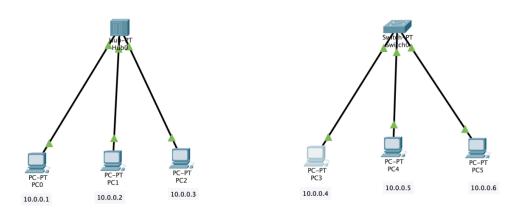
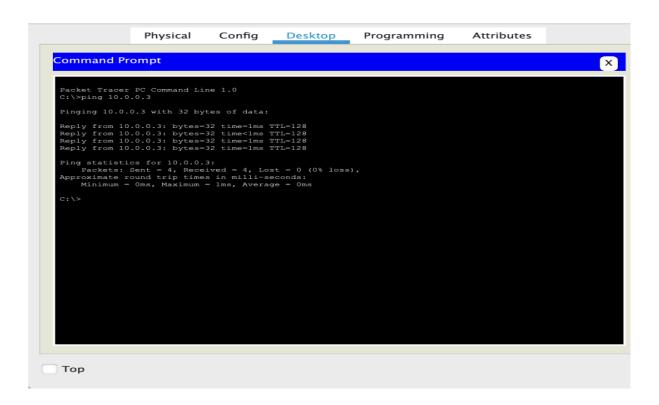
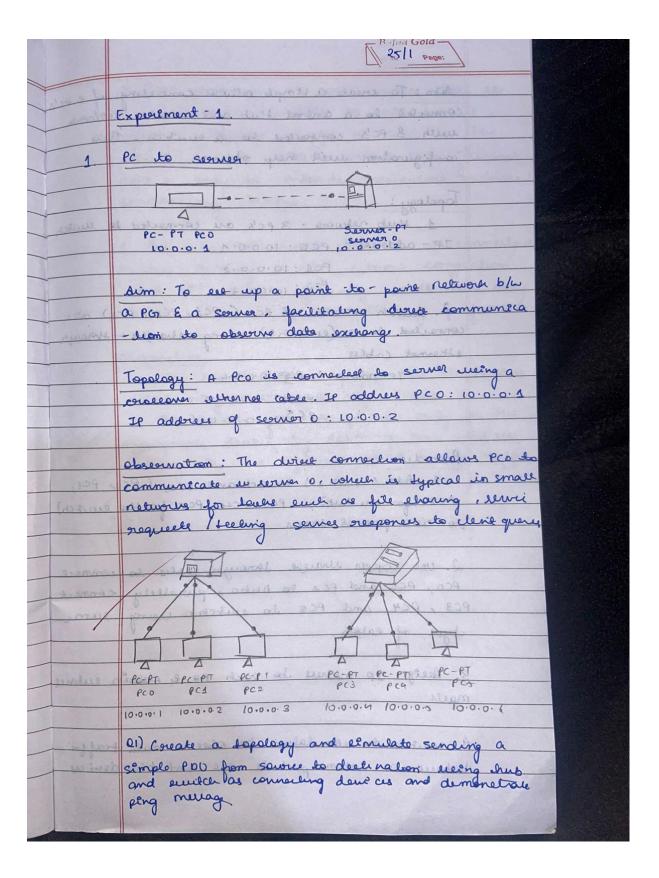
Experiment 1:

Q)CREATE A TOPOLOGY AND STIMULATE SENDING A SIMPLE PDU FROM SOURCE TO DESTINATION USING HUBS AND SWITCHES

Hubs and Switches:







A			
7			
	Aim: To create a simple notioner consisting of 3 ec		5.
	connected to a central thub and another network		pre
	with 3 PC's connected to a suit the This	140701 4	com
	configuration duit help observe.	231740	eer
	wap girtus,	1 900	pac
	Topology		w
	Topology: 1. Hub retwork: 3 pc's are connected to eluitor		18 3
	IP - address : PCO: 10.0.0.1	30.002	6.
	PC4: 10:0:0:2	V	der
wid van	wilder aring and PC2; 10.00.3 Ass of much		اوں
	2. Switch network: 3 PCs (PC3, PCH, PCs) are		Lo
	connected to a (emitch o) mong charges - through		5.
	ethernet cables		Obs
o exte	7p - address: PCg= 10.0.0.4		1
	1009 milion of pet = 10.000.5 massages		وبا
A. 10 11 11	5.0.0.03 · PC5 2210· 6· 0· (dbo 91	_	2
	() 4: 3:	1//	
0 -20 -	Procedure: some such sit : madeuselle	11	mo
allems ai	1. Add 1 neb, 1 leucles and 6pcg (Pco, Pc1,		ITC
	PC2 for the hub); PC3, PC4, PC5 for the emitch)	1	
small .	Jo risco pacted tracer.	1.1	5
TENTO AND	to asia para	3	
	2 January January 2	60.1012	
	2. vee copper sharpte through cables to connect	1	107
	PCO, PCS and PCE to hubo, parallely connect PC3, PC4 and PC5 to eviter o wang same	al a	13.0
		ark o	1
	type of catolis		11.
	La la cara de de de ablaire audust		
	3. Beefgr Ip address la lach PC & oblain subnes		130
	maile		109
		10	0,
0	4. event on to emulation to observe data traffic	1.0.	0 .00
and.	be house us when suchely one sent blu devices		
ander	Director and the second		
	goun pita		

	Bafna Gold
	Date: Page:
	have one
	5. in the nub network, notice how the
3 PCY	nub broadcaels packets do all derices,
De	hub moderates p
Towns.	causing potential trype
Tue	eunich network, others the sodiers
	pachola only to member
	unnecessary traffic.
wiech	
anon	6. The hub boroadwards dala is all connected
	deutres reading to more network congection
	while soo emitter efficiently sends data only
	de lus agresses de galinisma performant
ST.	la the coorde deuse, optimizing performant
my	
	Observation:
	J. The hub broadcases parkets to all deveces
	disher may cause directly traffic
5	2 The levitch Downards parties only
V//	double by laming new actions
	making is more efficient on reducing traffic.
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