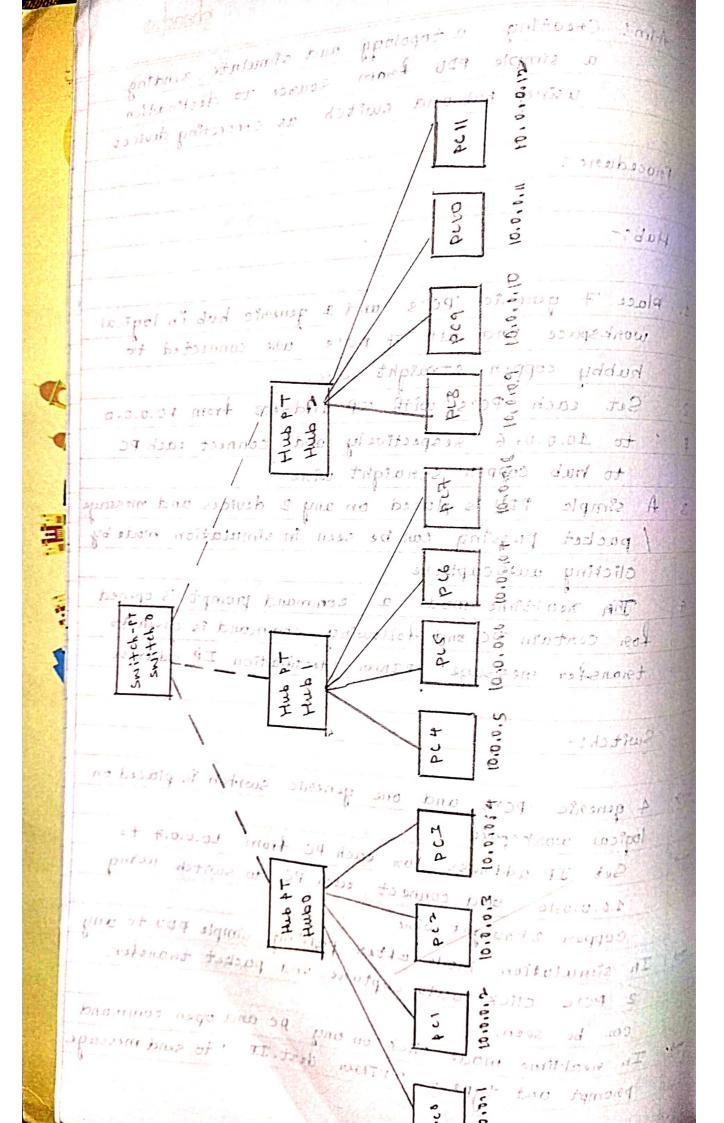


	Aim: Creating a topology and simulate, sending
1	a simple PDU fram source to destination
933	using hub and switch as connecting devices
	Procedure:
	the state of the s
	Hub: page of desired to the black of the
	Manager Color Colo
1.	. Place 7 genesse pois and 2 genesse hub in logical
	workspace and all 7 pc's age connected to
	hubby coppen straight whre.
5.	Set each PC's with IP address from 40.0.0.0
<b>P</b> .	to 10.0.0.6 respectively and connect each PC
	to hub coppen stnaight wine
3	A simple PDU is placed on any 2 devices and message
	/ packet passing can be seen in simulation mode by
	clicking autocaptuse
4	The realtime mode a command prompt is opened
B	for centain PC and following command is given to
F.	tenansfer message piner destination IP address
	The second secon
	Switch:-
	English and the with the tens
$\rightarrow$	4 generic PC's and one generic switch is placed on
	1 m 1 mm k C 50 ft
	the each PC trom It. order,
w)	10.0.0,10 and connect each PC to switch
	a handaht infau.
· →	In simulation mode after pairing simple pouto any
	In simulation mode attent
	can be seen.
->	In neal-time mode click on any PC and open command prompt and type. PINER dest. It to send message
	parompt and type. PINER dest. I



	Chandra's Dt: Po:
*	Hybrid
<b>→</b>	12 PC's . 3 hubs , 1-switch all gense's are placed
	onto logical workspace.
-	3-generic hubs are connected to switch using copper
	choss-oven whee and 12 pcis are connected to
	3 hubs, 4PC each using coppen straight where
	assigning IP adiess for each Pc from 10.0.00 to
u 5	10.0.0.11 siespectively.
$\longrightarrow$	Aften selecting & pc's from different hubs with
	esmple - PDU and clicking on autocapture, packing
	passing simulation can be seen in simulation mode.
_	In sicaltime mode open command prompt by election
-4	any 'pc -> devices -1 'command prompt and
	type 'PINER dest IP-address' to send packet
	the contract of the contract o
*	Observations:
Ž -	there's in head though particles sind band that and "
*	Hub:
- 1	Kanada Maria da Kanada Maria d
$\rightarrow$	leaning outcome - Aften sounce sends message
	to hub it is broadcasted to all end devices but only
	distination device neads and sends response back
	hube for sounce to get nesponse
	Hub establishes connection to end devices quickly
	and signals by green-light
	fesult :
	PTNLn 10.0.0; 3
	PINETNER 10.0.0.2 with 32 bytes of data
	PINENINEN 10.0.0.2 with 32 bytes of data  REPLYFRON 10.0.0.3 bytes=2 time=oms
7	PINES STATISTICS FOR 10:0.0.3
7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PINE STATISTICS FOR 10:0.0.3  DETAILS OF how many packets sent and received

7,753.15	Chandra's
4	Switch:
	learning observation:
_5	Unlike hub, switch downt again
	Unlike hub, switch doesnot given green signals immidiately
	but takes some amount of time called learning time
	and the packets can be sent once green signal can be sent once green signal is generated.
-,	Instally sustin also brandered
	Instituting swetch also broadcasts for all end-devices and the next time. The communications happens and
	mesenge passing transmissions happens and
	message passing types only between and message
	pass. source and destination. devices.
+	Lesult;
	PINUT 10.0.0.6
	PINUINER 10.0.0,5 WITH 32 bytes of data
3-	PINER STATISTICS FOR 10.0.0.3  "Details of how many packets sent and sectived"
	Details of now many packets said with weathed
*	Hybrid:
	leagning outcome:
	Message sent by one DC of one hub to switch is sent to
	destination hub which broadcast to all devices of that hub and only destined end-devices sends back nespon
	to sounce of other hub.
	to sounce of other hub.
	Result:
	PININ 10.0.0.4
	PINETNER 10.0.0.4 with 32 bytes of data
0	NREPLY 4910m 10.0.0.4 bytes=32
1	PINE STATISTICS to 9 10.0.0.4  "DETAILS of number of packets sent and secreved
M	1 Laste Selle Williams