1	PDU from source to destination using his and switch as
	connecting devices and demonstrate ping message
	AIM
	Simulating the transmission of simple PDU using PDV Hub and Switch as connecting devices.
	Topology 1:
	Hub connected by straight (destination) through cable
Ass	PC1 PC2 PC3
25/32	10.0.0.1 10.0.0.2 10.0.0.3
V 3	The second secon
C	PROCEDURE
<u>l</u>	Straight sable
2.	Assign IP madress to each of the end derices
3.	Select a simple PDU, select PC1 as the start node and PC3 as destination
	MONTH NAMED AND ADDRESS OF THE PARTY OF THE
38	OBSERVATION
	During simulation, the message will be received by PC3 and PC2 but only PC3 accepts the message and PC1 acknowledges the same ie message is broadcasted

PAGE NO: DATE: Topology 2 Devices: switch and end devices switch PC 3 PC1 PC2 10.0.0.3 10.0.0.1 10.0.0.2 destination Start PROCEDURE: Connect 3 end devices PC1, PC2; PC3 to the switch with the mentioned IP address with a copper-straigh through wire. Configure the end devices with the mentioned if Select simple PDU, PCI as start and PC3 as destination and stimulate. Play the whole curit is simulation made. OBSERVATION: Message will be sent from PCI to PCZ only is it is unicasted and an acknowledgment in sent by PC3 to PC1.

PAGE NO :
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	DATE:
	Topology 3 Alles Man and and another many
	PC 1 Start PC 4
7777	10.0.0.1
	10 10 10 10 10 10 10 10 10 10 10 10 10 1
	PC2 / Hub2t - / Switch f - Hub 2 PC5
1	10.0.0.2
	19101
	PC3 PC6
1 1 8	10.0.0.3
	Destination
	Devices: switch, hub and end devices
10.1	there are showed freder during medical
	PROCEDURE
	Connect 3 end derices PC1, PC2, PC3 with each other
2-	Connect the other 3 end devices PC4, PC5, PC6 with each
11/4	other and then connect them to Hub 2, using the
- 14	sopper straight through wire
3.	Similarly connect PCI, PC2, PC3 to the Hub using
	copper straight through wire.
4.	Connect hub I to switch and Hub 2 to switch using
	copper cross over wine.
5.	Configure all the end devices with respective IP address
6.	solver a simple PDU and assign PCI as source and PCG
	as destination and then simulate the connection.
	OBSERVATION:
	A successful ping message confirme the connectivity between the source and destination.
	between the source and destination.

PAGE NO: DATE : Difference between Hub and switch Hubs Switches Hub broadcasts data to It sends it only to the all devices required devices It creates more network Reduces nelwork traffic by traffic unicasting Works at physical layer Operates the data at the link layer 4. Slower due to shared Faster due la dedicated bandwidth bandwidth Cheaper in cost but less More expensive compared hubs and have higher efficiency