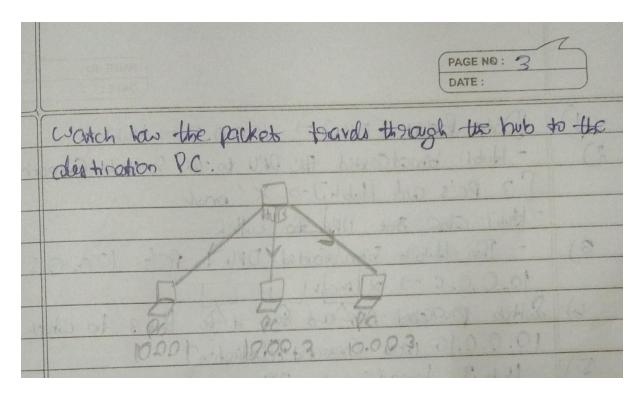
LABORATORY PROGRAM – 1

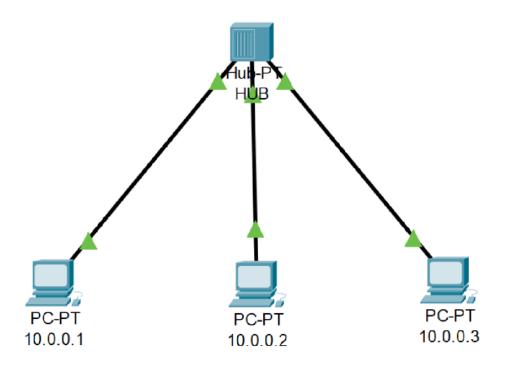
Create a topology and simulate sending a simple PDU from source to destination using hub and switch as connecting devices and demonstrate ping message.

	Procedure for Setting Up a Hub and End Dovices
-	AND THE PROPERTY OF THE PARTY O
1.	Open Cisco Packet Traces 154 15 1 159
2	Add Devices Agreed bearing and adjust
	· Add a Hub! hyport mayon to preside
24	Forom the left port, clark on "Notwood king Dovicos">
	Hubs adding a Basic this into the conkepace.
100 5	Dur of the party of the case of the succession o
	· Add Frd Devices:
	· Click on "End Devices" and dogs several PCs into
	words to Co. and I will and out of the of the of
37.6	id when reduced "reductions" and made also
3.	Corned Dovices
	· School Compositions: LANGED WAY.
NA.	· Click on the Come chone ion Clightning bold.
	· Use Copper Straight - Through Cible : 5 00
	Thick on the hub, then choose a point (& Foot Homes).
	·Click on PC/Daptop and sole at appropriate and

PAGE NO : Dinesh DATE : · Pepeat for all end devices cornected to the his h. Cooligune End devices: · Select tech PG; · Click on a PC, then click "Docktop" tob. ·Choose "IP Garly varion". · Assign on 1P address Ces 10.0.0.1 for PCI. 10.0.0.2 for PC 2 Etc.). and a Subject Mark Cas. 255, 265, 265,02. · Lotele Devices! Right Click on each PC and select "Remone" to gate than manipole somes (8 PC1, PC2) Just Correctivity · Open the Command Prompt on a PC. Colock on "Darktop" > " Grownord Prompt")! · V&C a play 6 mmand (ag plage 10.0.0.1) to test compositivity to crotton PC. · Enurse you can pige all commended PCs successfully 6: Run the Simulation · Switch to Simulation Made: · click on the "Simulation" button in the bottom suight cormon . Add a packet: Chick on the "Add Simple POU" icon Canvelope ton) and click on a PC to sord a pricket. chase the destruction of when prompteb. · Observe the Packet Flow:



Screenshot:





Physical Config Desktop Programming Attributes

Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.0.0.3

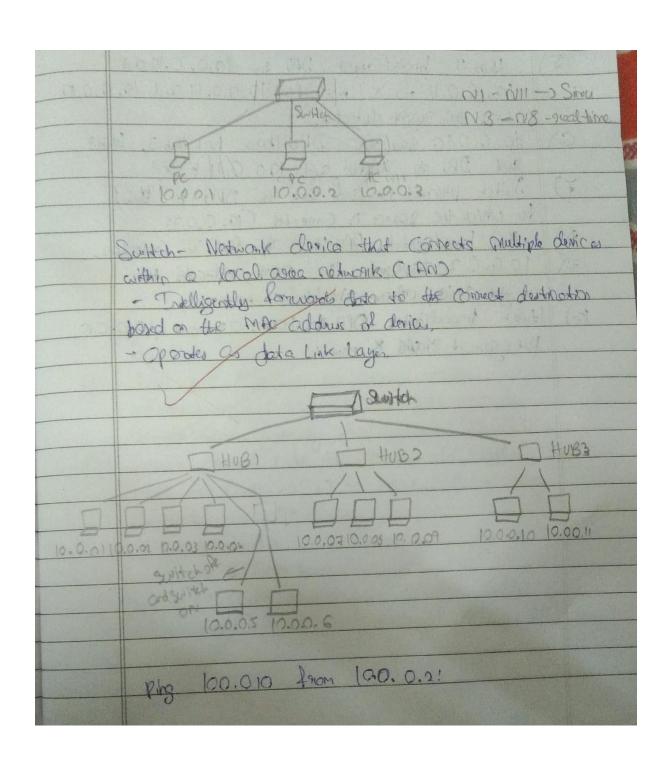
Pinging 10.0.0.3 with 32 bytes of data:

Reply from 10.0.0.3: bytes=32 time=20ms TTL=128
Reply from 10.0.0.3: bytes=32 time<1ms TTL=128
Reply from 10.0.0.3: bytes=32 time<1ms TTL=128
Reply from 10.0.0.3: bytes=32 time<1ms TTL=128

Ping statistics for 10.0.0.3:

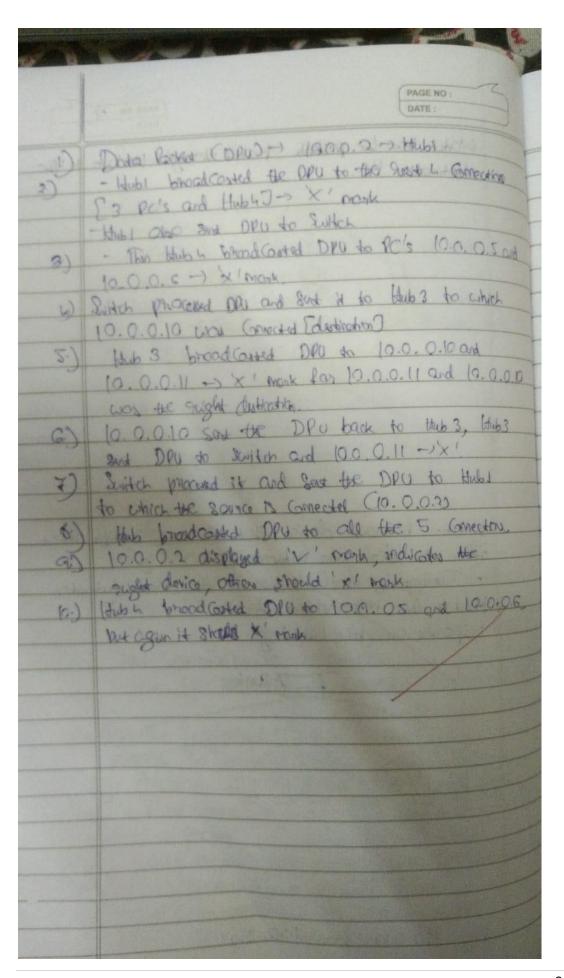
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:

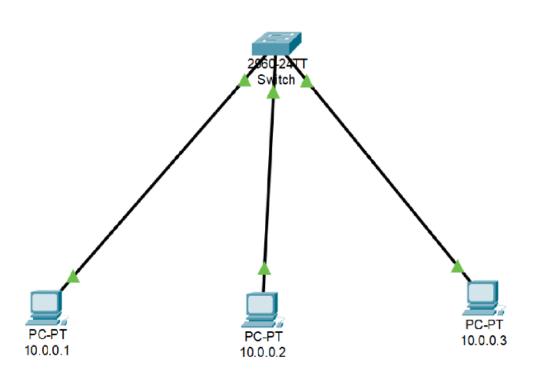
Minimum = 0ms, Maximum = 20ms, Average = 5ms
```



Procedure for Setting Up a Hub and End Devices 1. Open Cisco Packet Tagen 109 10 11 1999 2 Add Devices symmet business and say · Add a tub! I proble to more " you xoll" . Forom the left parel, clark on "Networking Davicas"> "Hubs ad dog a Basic Hub into the crockspace · Add End Devices: · Click on 'End Devices' and dog several PCs without works page. 3. Cornect Dovices · Select Corrections: Chick on the Come ations icon Chaptering bolt). · Use Copper Straight - Through Cable: 500 Click on the hub, that choose a point (so foot themen). · Click on PC/Daptop and solect appropriate point.

	Dinesh PAGE NO: DATE:	
100.35	Repeat for all end devices cornected to the hub.	
h	Cooligune End devices:	
70.0	· Click on a VC , that	_
- A 9 V	· Assign an IV address (es and a Subnet Mark	
.00	(g. 255, 255, 265,0).	
Lateral .	Right Click on each PC and Select Remone to gate than meanigable sames (3 PCI, PC2)	
.91	Tat Correlivity	
	- Pigg Each PC! Open the Gimmond Prompt on of RC. Celick on	
2 000	"Dorktop" > "Grannord Prompt"). Vie a ping Grannord (ag pring 10.0.0.1) to test Grandity to crotton PC.	
	· Ensure you can ping all commented PCs successfully	
6:	Kan the Simulation	
	· Souther to Simulation Made: · click on the "Simulation" button in the bottom suight cornor	10
	Chick on the "Add Simple POU" icon Convolope ion	
en established	ord click on a PC to sord a pricket. charse the destrotion PC when promptets. Observe the Packet Flow:	







Physical Config Desktop Programming Attributes

```
Command Prompt
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.0.0.3
Pinging 10.0.0.3 with 32 bytes of data:
Reply from 10.0.0.3: bytes=32 time<lms TTL=128
Reply from 10.0.0.3: bytes=32 time<1ms TTL=128
Reply from 10.0.0.3: bytes=32 time<lms TTL=128
Reply from 10.0.0.3: bytes=32 time<1ms TTL=128
Ping statistics for 10.0.0.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = Oms, Maximum = Oms, Average = Oms
```