Experiment -1

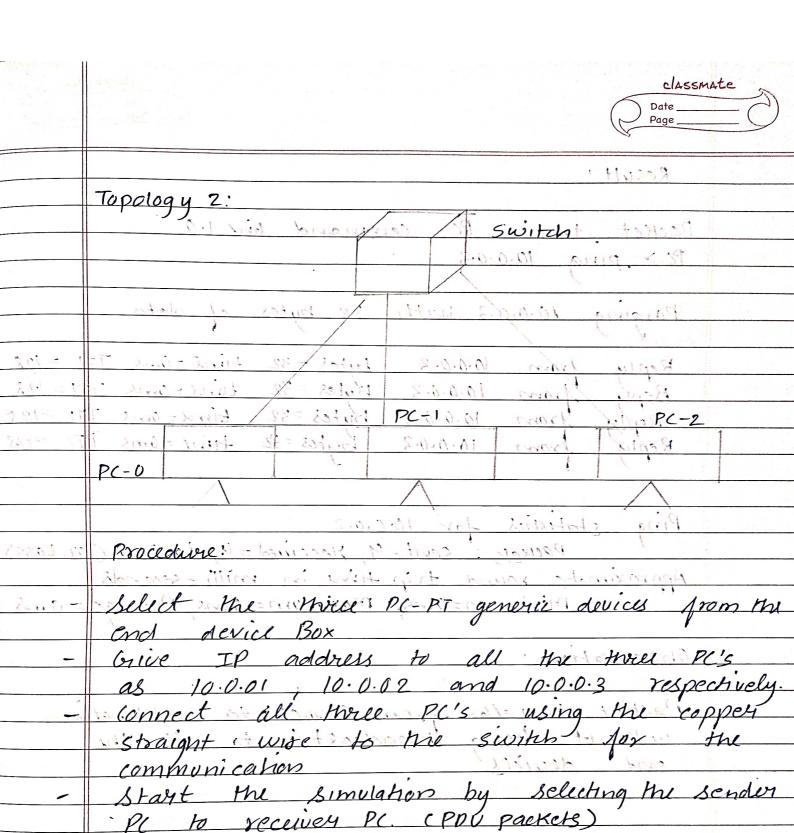
	- APCYIVVIEVIL
	Aim: Create a topology and simulate sending a simple
	PDU from source to destination using hub
	and is constable as commentions devices and
	and switch as connecting devices and
	demonstrate ping message.
	Topolizantia salut os di mana di
	Topology 1:2 2 alper 38 define \$0.0.01 pingers
701-1	- Kepty James 1100.10.3 logles = 30 think = Oute T
201- 1	Reply 1000 10:00 5 15465 = 22 +10.1 = cont T
10 III	Proph 1200 P. Hold P. Torst Mars
NA ST	1200 1200 1200 1100 1100 1100 1100 1100
	Pina Statistic don wines
()20	Packek: Sont 4 Received = 4. (00+=1:1)
	PC-PTA on point PC-PT bank standard PC-PT
	= PCO 2000 - 100 PC-012/11 2000 - 1000 100101 PC-02
	- Constant on -
	10.0.0.1
4	Packet travelled from Pl to but and action wites
61.04	Proceidures: invest sing and put houses
	recents forcented or via his.
→	Select three PC-PT generic devices from the end
	device Box
<i>→</i>	Crive IP address to all the devices as 10.0.01,
	10.0-02 and 10.00.3 to the PC-0, PC-01 and
4	pc-02 repestively
\rightarrow	connect all the three to the hub using Straight
* Norge	to an all walks
→	Start the Simulation by selecting the sender PC to me receiver PC
	PC to the receiver PC.

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Experinsant - 1 aiomi? Resulting statements have applicate a stand init Packet Tracer PC command line 1.0 PC> ping 10.0.0.3 cons de l'encourt Pinging 10.0.0.3 with 32 bytes of data Reply from 10.0.0.3 bytes = 32 time = 0mg TTL = 128 Reply from 10.0.0.3 bytes = 32 time = 0ms TTL = 128

Reply from 10.0.0.3 bytes = 32 time = 0ms TTL = 128

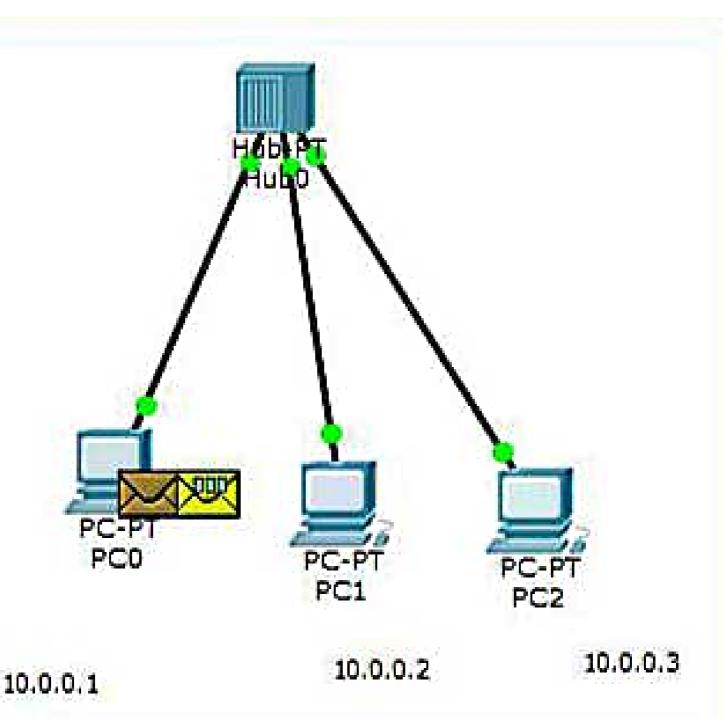
Reply from 10.0.0.3 bytes = 32 time = 0ms TTL = 128 Ping Statistics for 10.0.0.3 Packets: Sent=4, Received=4, Lost=0 (01, Loss); Approximate round trip times in milli-scands
Minimum - Oms, Maximum = oms, Average = oms. Observation: 16009 Packet travelled from PC to hub and acknowlegment received by both PC'S Packet travelled from receiver to sender PC via hub. Start the Amendoton by solution the co



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	Result!
	incology 2:
i a constant	Packet tracin PC command him 1.0 PC> ping 10.0.0.3
	PC> ping 10.0.0.3
	Pinging 10.0.0.3 with 32 bytes of data
	Reply from 10.0.0.3 bytes = 32 time = 0ms 771 = 128
	Reply from 10.0.0.3 bytes = 32 time=oms TTL= 128 Reply from 10.0.0.3 bytes = 32 time=oms TTL = 128 Reply from 10.0.0.3 bytes = 32 time=oms TTL = 128
	Reply from 10.0:0.3 bytes=32 time=oms TTL=128
	Reply from 10.0.0.3 bytes=32 time=0ms TT2 =128
	0-19
	Ping statistics for 10.0.0.3
	Packers: sent=4, neceived=4, loss=0 (01.1085)
	Approximate round trip time in milli-seconds
15 000	Minimum = oms, Maximum = oms, Average = oms
	Level Bux
٥,,	Observations: In at michto go sind -
Himber.	96 10 6.01 10.71 19 20 20 1 10.00.2 20 60 12
ide()	Packet travelled from source to destination
1.1	without being broadcast to all the
	end devices.
W. hors	is a start Mrs simulation by schooling the s
4 - 1	if to received by confidence)
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	Date
	is the land thus is considered to the
	brighten a come source switch will all disting
	Supplied of the topological
	thus se
	Hub-1
	Col Coll Dollare March DA March AMach
	PC-10
/	Penalis 100x 11 trillo 30 bette of date
1	Supring 10.00 the cities of period
	200 - 3 014 10 = 25 10 1 0 0 0 1 0 0 0
PC-0	Allactions services person per
4=111.	construction of the state of the party person
	Procedure 11. C. M. M. M. M. M. S. M. M. S. M.
1	
24.0	Connect the PC'S(P1-0, P1-1, P1-2, P1-3) to
11 = 48	the tub having me respective ports 1,2
	3 and 4
	All the devices as a consented the state of
1	All the devices are connected through a straigh
P. CA 1997. (a copper of wirein to Hub-01, hillming minned
	Connect me PC'S (PC-4, PC-5; PC-6) PC=7, pc-8,
	P(-9 PC-10) to the 1706-2 11/2 10000
. =	eapper straight wire with the respective
	ports.

adageman (composer meteor harmon who will refer to 1970 the first composer to 1970 the 1970 t	
	Itub 1 and Hub 2 is connected to the
	switch by the cross-over wire which
	completes me topology.
	' '))
	Result
	Packet tracor PC command line 1.0 PC > ping 10.0.0.11
	Packet tracor PC command line 1.0
P:-10	PC > ping 10.0.0.11
	Pinging 10.0.0.11 with 32 bytes of data
	Reply from 10.0.0.11 bytes = 32 time = 0ms TT1 = 128
9-76	Reply from 10.0.0.11 bytes = 32 time=0ms TIL=128 Reply from 10.0.0.11 bytes=32 time=0ms TIL=128 Reply from 10.0.0.1) bytes=32 time=0ms TIL=128
<u> </u>	Reply from 100.0.11 bytes=32 time=oms TTL=128
	Reply from 10.0.0.1) bytes = 32 time = 0ms TIL=121
0.00	Ping statistics for 10.0.0.11 Packets: Sent-4, Received = 4, Lost=0
,	Vackes sent-9, Received = 4, Lost=0
Contraction	Approximate hound trip times in milli-seconds
1.2	
	alacan Malain
Herest	Observation
* Catalogia	Dackelle Danelle I Dirami Waring to the state of
	packels travelled from receiver to the distination by me hub in both the hubs and in
2	the in turns travels to switch and
	broadcast to all other devices
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Command Prompt

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Packet Tracer PC Command Line 1.0
PC>ping 10.0.0.3

Pinging 10.0.0.3 with 32 bytes of data:

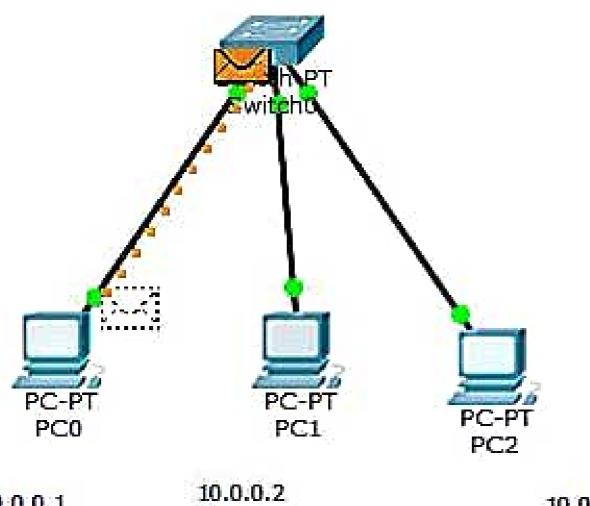
Reply from 10.0.0.3: bytes=32 time=0ms TTL=128

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 = 0ms, Average = 0ms

PC>
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10.0.0.1 10.0.0.3

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PC>
```



