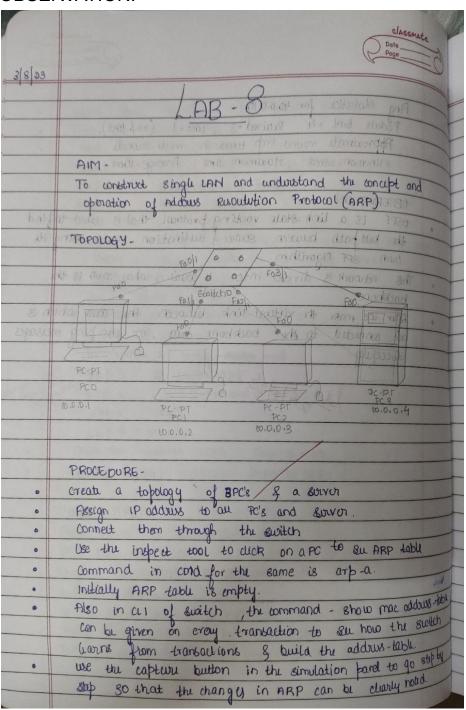
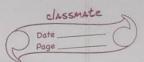
## WEEK 8

To construct a simple LAN and understand the concept and operation of Address Resolution Protocol (ARP).

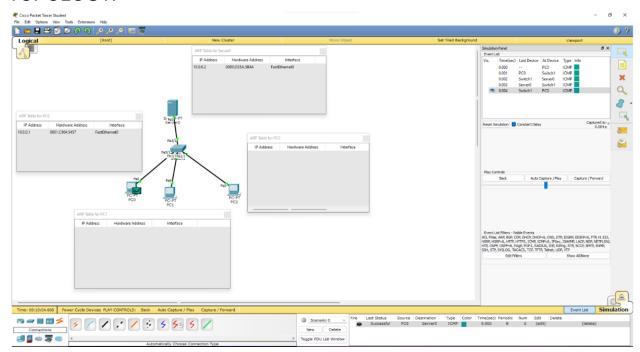
## **OBSERVATION:**





	Date
	PING OUTPUT
	PC > ping 10.0.0.4
	Pinging 10.0.0.4 with and the
	Riply from 10.0.0.4 with 30 bytes of data:
	Riphy from 10.0.0.4 : bytu = 32 time = 0ms TTL = 128  Riphy from 10.0.0.4 : bytu = 32 time = 0ms TTL = 128  Reply from 10.0.0.4 : bytu = 32 time = 0ms TTL = 128
	Rebly Bom 10004; byo = 82 time = 0ms 11C = 128
	Reply from 10.0.0.4: bytes = 32 time = 0ms TTL = 108  Reply from 10.0.0.4: bytes = 32 time = 0ms TTL = 128
	10.0.0.4 20 Firm = 012 11C 128
	Ping statistics for 10.0.0.4:
	Packell: Sent=4, Received=4, Lost=0 (01- Loss),
	Approximate round trip times in milliseconds:
	Minimum = ons, Maximum - ons, Average - ons
	, 11.000 20115
	Pc> arp -a
	Intranet address physical Address Type
	10.0.0.4 0060.2100. 324d dynamic.
	OBSERVATION:
•	when we ping 1 PC and Surver the address of surver
	is known to PC & via-versa
•	when we ping between other two PC's simultaneously
	the addressed of each other are uppered.
0	From time a host augusts a MAC address in and to the
	A
	ARP cache to su if the IP to mac address translation
	address abusely exists. If the translation descrit will
	ARP cache to su if the IP to mac address translation address already exists. If the translation doesn't exits it preforms ARP.
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## TOPOLOGY:



## **OUTPUT**:

