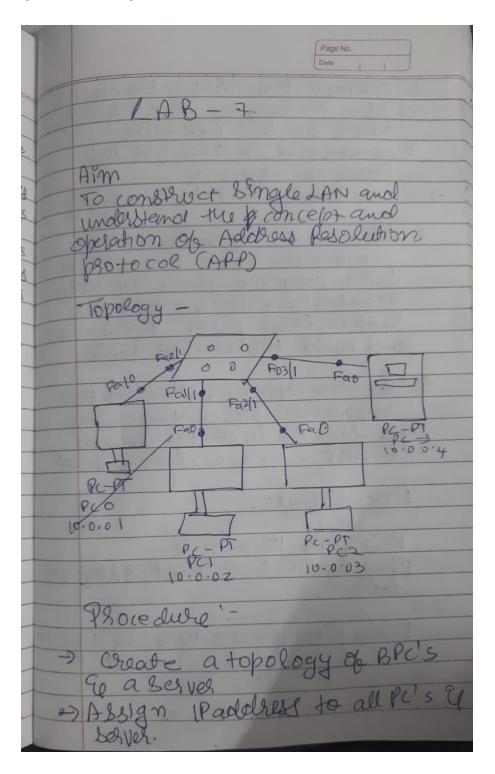
## LAB 8

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

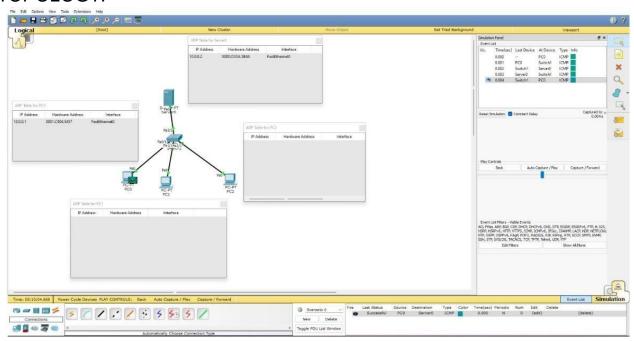
## **OBSERVATION:**



	Data
7	connect them through the switch of use the inspect took to click on pic to see ARP table
-	command in card for the
	Initially 17 KT The Stripe
7	Also in a 1 86 Short ch the command - Show mac address table can be going on every 1xansaction to see how the
	Switten larns from transactions and prolled the adolpost table
-)	simulation panel togo dep
	by Step So that the changes in ARP can be clearly noted
	PING OUTPUT:
	PC) ping 10.0.0.4 Pinging 10.0.0.4 with 32 bytes of )  data
	Roply from 10.0.0.4 bytes = 32 +1/m== 172728
	11 11 11 11
	7 11 11

Ping Startistics for 10.0.024 packets' Sent = 4 , Rec'eved = 4, Lost =0(0% loss) Approximate round trip time in milliseconds: Minimum = oms, Marumum - oms, Avarage = 0 PC Sarp-a Internet address physical Address Type 10.0.024 0060.2400 3240 dynamic Observation; the address of iserves is known to pc quice versa -) when we ping between other two pc's simultaniously the address Of each other are known > Every time a post a requests a MAC address in order to send a packet to another host in the 43 LAN, it checks its ARP exche to see if the IP to mac address translation address already errors My the translation doesn't exist it perf orms ARP.

## **TOPOLOGY:**



## **OUTPUT**:

