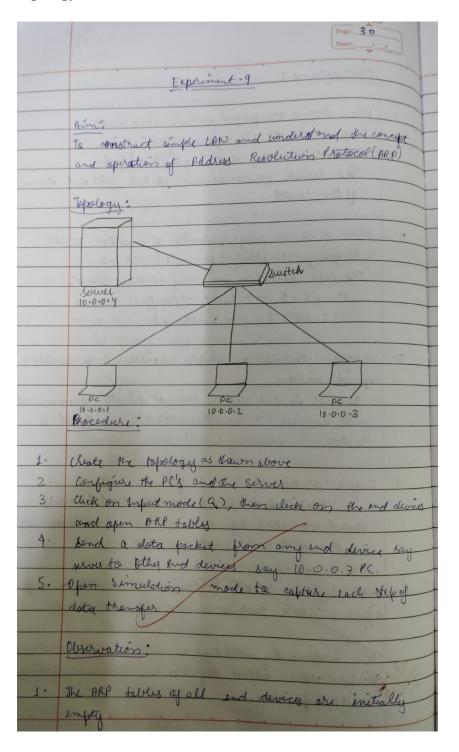
## Program 10

**Aim:**To construct simple LAN and understand the concept and operation of Address Resolution Protocol (ARP)

## **Topology**, **Procedure and Observation:**



	Page 31
2 -	When the data pocket from saver arriver at the witch, when the source MAC address is unknown, it sends a broadcast message to all
	derley
3 -	The device with the It address present in the abstraction address of the data pocket responds to the missage.
4 >	The server and the PC update their ARP tables matching IP addresses to MAC address
5-	grows as datch packets are sent.
6.	The MOC table of the switch which was initially empty updates its MOC table gradually toca
	ARP Table for 10.0.0.4  IP Address Hardwar Address Interface  10.0.0.3 6001.0726.4785 Fast 8thernest
7.	Similarly other ARP tables are updated
	John State of the

## **Screen Shots:**

