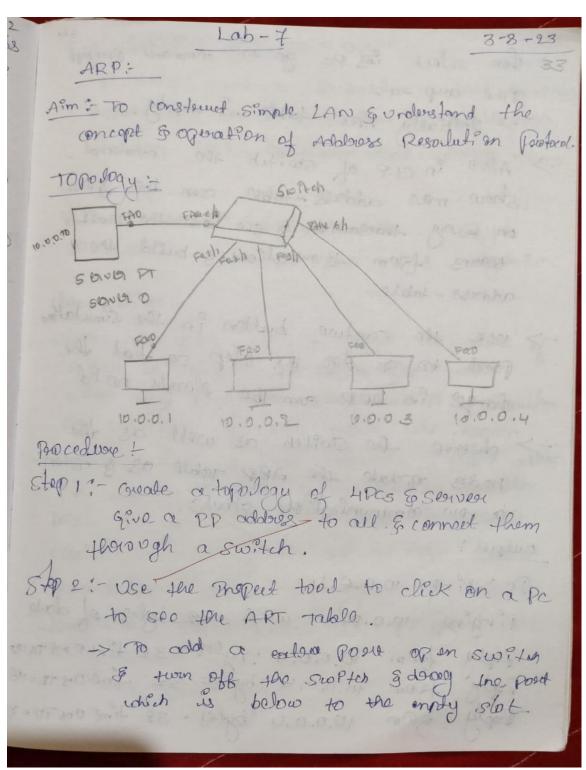
LAB8

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

OBSERVATION:



- > than select is PC go to command prompt
 gove aup -a.
 > Initially ARP table is empty.
- Also in CLR of switch the commond.

 Show man address-table can be goon
 on every transaction to see how the swith

 teasure from transactions & build the

 address-table
- Parel to go step by step so that the danger in ARP cam be stoogly noted.
- Todas applate the ARP table as & when a row communication stages.

: tuglio

Pc > Ping 10.0.0.4

Pinging 10.0.0.4 wPA 32 byles of data
Raply John 10.0.0.4: byles: 32 time one TILES
Raply John 10.0.0.4 byles: 32 time one TILES
Raply John 10.0.0.4 byles: 32 time one TILES

Pips statistics for 10.0.0.4: Packets: sent = 4, Recional = 4 lost =0 Corloss Apporoximate sword tout time? in millisecouls minimum = oms, maximum = oms, mengy - oms PC> amp-a Enternet address physical address Type 10.0.0.4 0060.2800 324d dyromic. obsorvation: when we ping 1 pc & some the address of Server is known to PC & vide-V1099 when we ping blu other two Pris simulans the addresses of such other suce known. - revery time a hast suggests a MA c address in osider to sard a packet to another most in the took it checks its ARP cache to see if the 28 to make adobys + mans, from address already exists of the townsition does'nt exists it portoons ARP

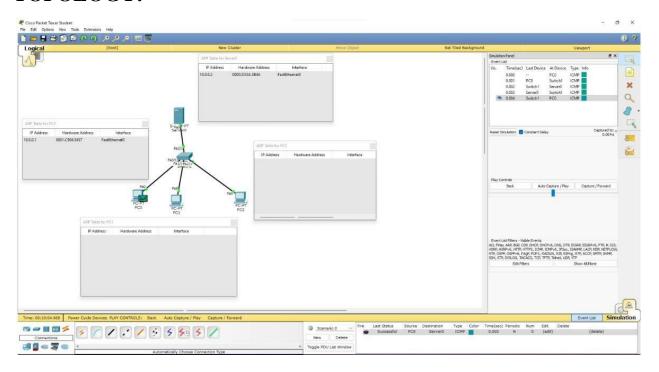
1.1. 221 for an majorie of 201.

RB

8

100

TOPOLOGY:



OUTPUT:

