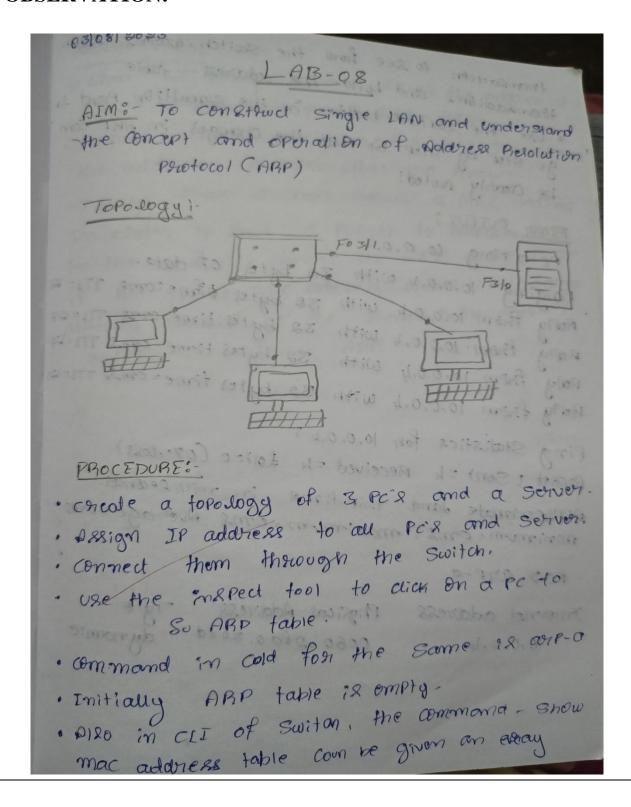
LAB8

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

OBSERVATION:



thankadien to see how the switch : warms to than sadi on s and build the address - table. · use the contrare bootlan in the simultion pand go ster by ster 80 that the changes in ARP a be cleanly noted! (1911) losstoner

PING OUTPUT:

PC-7 Ping 10,0,0,4

Pinging 10.0.0.4 with 32 bytes of data. Reply from 10.0.0.4 with 32 bytes filme tomo TILL Reply from: 10.0.0.4 with 32 bytes time=omg TIEG Reny from 10.0.0.4 with 32 bytes time = oms TTLA Reply from 10.0.0.4 with 32 bytes time=oms The

Ping Statistics for 10.0.0.4? Packet! Sent = 4 Received = 4 \$017=0 (07.closs) APPhoximate dang fair times in millileconal. minimum come, moximum coms sucrage com

Internet address Physical Address Type 10,0,0,4 0060,2 fa 0, 30 4d dy nomic

in cit of suiton the commono - show

east table con the appear the election

- p19019 2; 9810 + 986 publiful

OBSERVATION:-

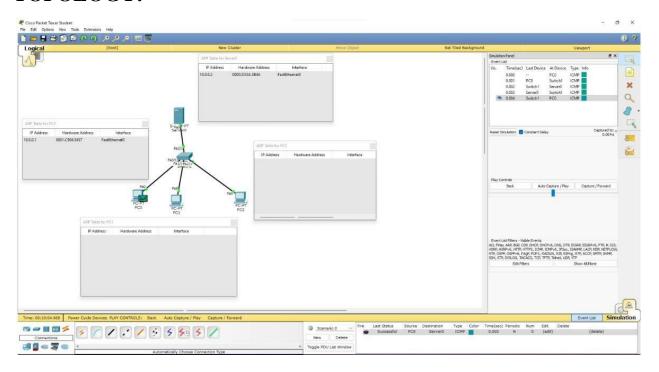
Junon we Ping IPC and server the address of server is known to pe & vice-versa.

-7 when we ping blu other two pag simultaneons the address of each other are known.

-7 Every time a host-heavest a MAC address in order to send a Packet to amother host in the LAN. It chears its ARP came to see if the IP to MAC address thansition address abready - exists of the thansition does not exists it performs ARP.

\$ (\$\3

TOPOLOGY:



OUTPUT:

