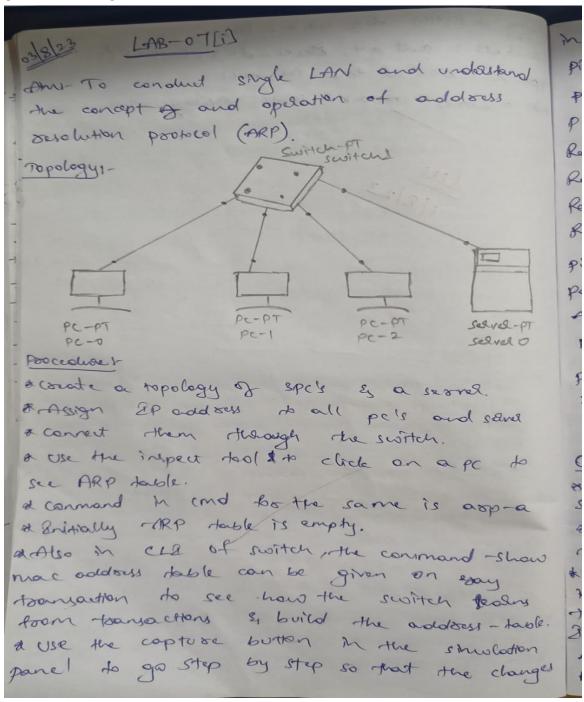
LAB8

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

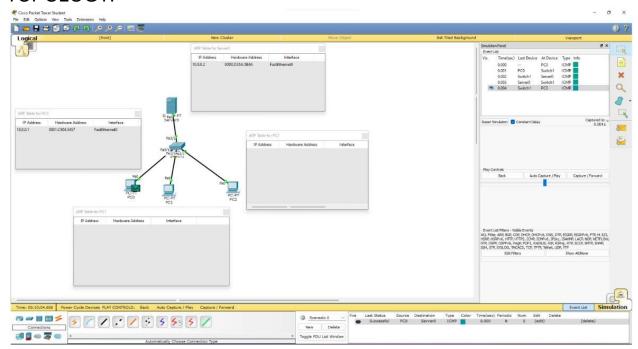
OBSERVATION:



in ARP can be clearly noted. ping output pro pc>pmg 10.0.0.4 pinging 10.0.0.4 with 32 bytes of data Reply from 10.0.0.4 bytes 132 time=oms TTL=128 Reply from 10.0.0.4 bytes132 + Hime= 0 mg TTL= 128 Reply from 10.0.0.4 byty=32 time= ony TTL=128 Reply from 10.0.0.4 bytes=32 times=0 ms TTL=128 ping statistics for 10.0.0.41 Parkets & sent 24 Received =4 Lost =0 (0 1/2 Loss) approximate acural trip times in my Mn=0ms, Max=0ms Avalage=0ms pc) alp-a internet anddows physical andows Type 0060.2600.224d olynamic 10.0.0.4 Obsavations & ween se ging 1 pc and server the address of selvel of known & pc of rice-velsa & when we ping between other & pc's smutaheouty the address of each other one known. k Evoly three a host requested a MA (address n order to send a parchet to another host in The LAN, it while its ARP cache to see of the IP to mac address toansition address already exists. If the towns ittion doesn't ends it payorns

ARP.

TOPOLOGY:



OUTPUT:

