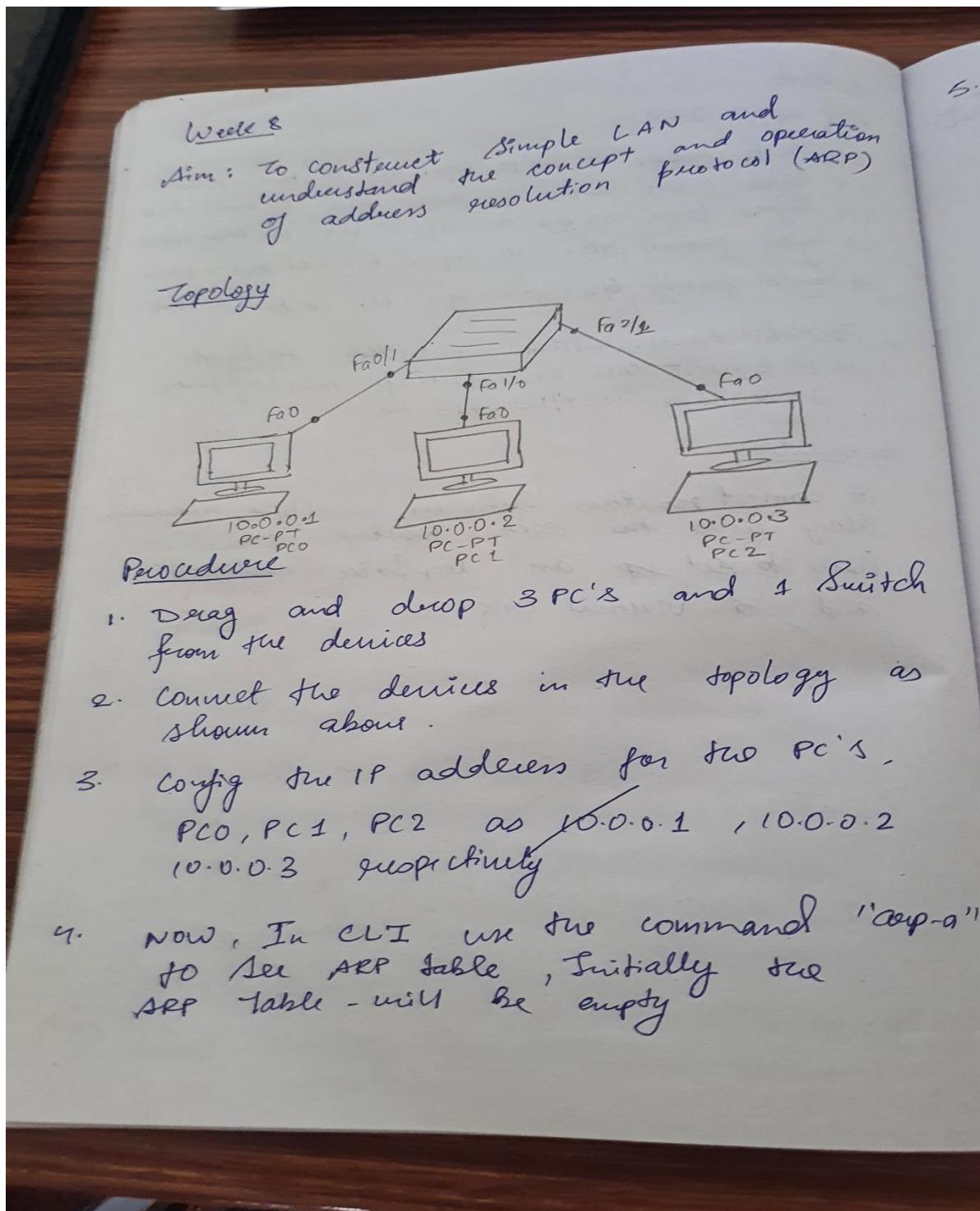


CN LAB 8

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

OBSERVATION:



- 5.) Also in CCI of switch the command
Show mac address table can be
given on every transaction to
see how the switch learns
from transactions and build the
address table

- 6) Now ping from one PC to another PC

Observation | Result

PC > Ping 10.0.0.3

PC > Ping 10.0.0.3
Ping 10.0.0.3 with 32 bytes of data
... bytes = 32 time = 0 ms TTL

Reply from 10.0.0.3 bytes = 32 time = 0ms TTL = 128
bytes = 32 time = 0ms TTL = 128

Reply from 10.0.0.3 logins=32 time=0ms TTL=128
Reply from 10.0.0.3 logins=32 time=0ms TTL=128

Reply from 10.0.0.3 by ts = 32 time = 0ms TTL = 128
Reply from 10.0.0.3 by ts = 32 time = 0ms TTL = 128
Reply from 10.0.0.3 by ts = 32 time = 0ms TTL = 128

P14 Statistics for 10.0.0.3

Packets : Sent = 4 , Received = 4 , Lost = 0 (0 % loss)
Time in milli second

✓ Packets : Sent = 4 , Received = 1 .
Approximate round trip times in milli second
Maximum = 0.9 , Average = 0.8.

Approximate round trip times in millisecond
Maximum = 9, Average = 2ms

SCREENSHOTS:

