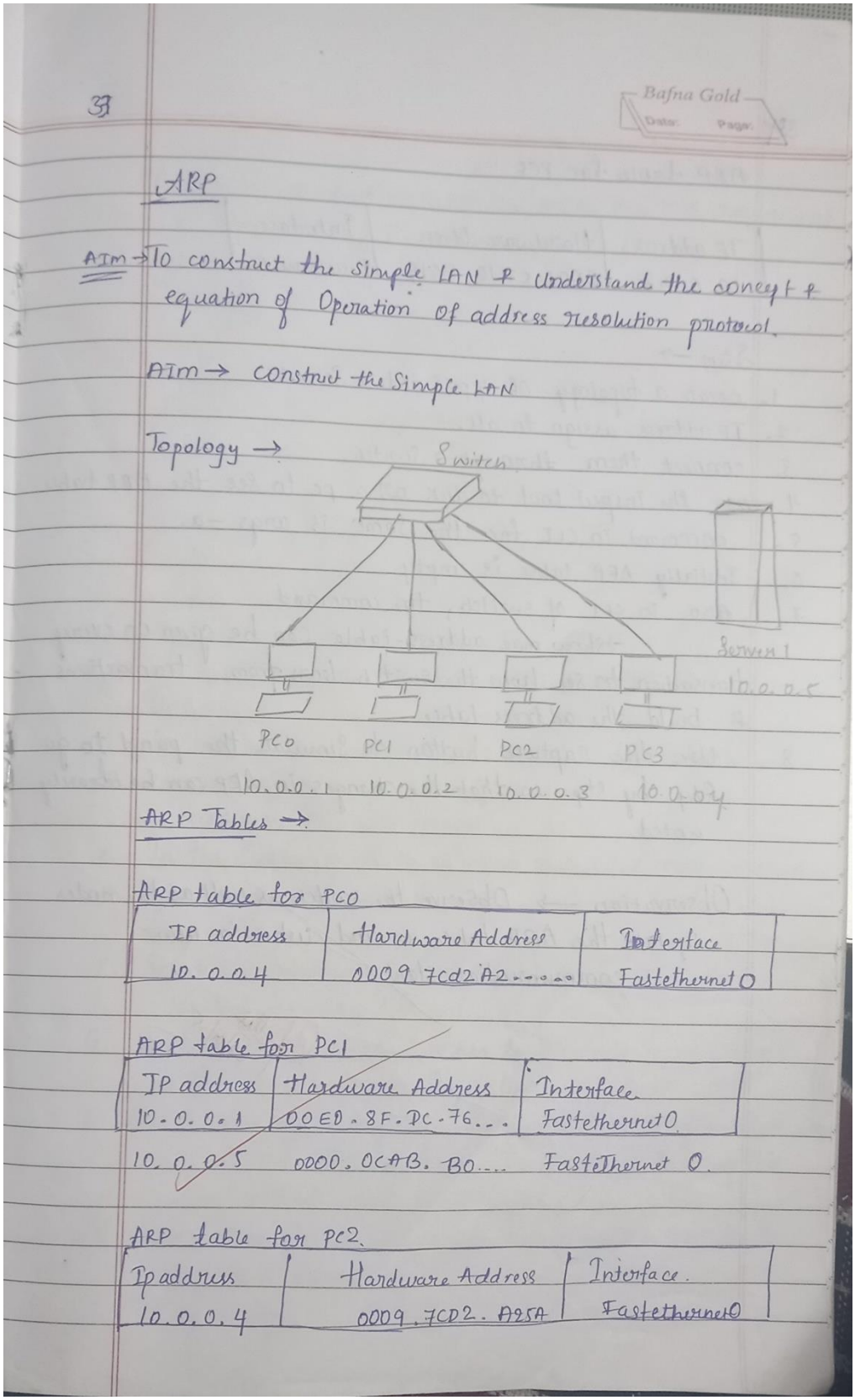
To construct simple LAN and understand the concept and operation of Address Resolution Protocol (ARP)



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Bafna Gold

Date: Page:

ARP

Aim → To construct the simple LAN & understand the concept & equation of Operation of address resolution protocol.

Aim → construct the simple LAN

Topology →

ARP Tables →

ARP table for PC0

IP address	Hardware Address	Interface
10.0.0.4	0009.7cd2.A2...	FastEthernet0

ARP table for PC1

IP address	Hardware Address	Interface
10.0.0.1	00E0.8F.DC.76...	FastEthernet0
10.0.0.5	0000.0CAB.B0...	FastEthernet 0.

ARP table for PC2.

Ip address	Hardware Address	Interface.
10.0.0.4	0009.7CD2.A25A	FastEthernet0

Request map the name of IP address.

welcome to CN lab:

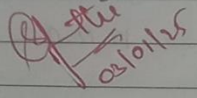
Quick link:

Small page:

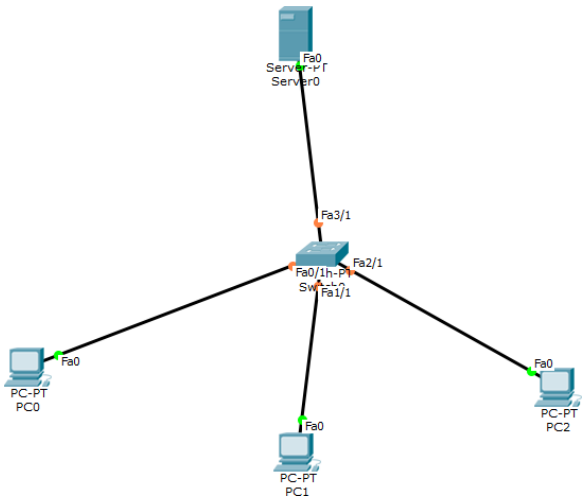
copy right:

Image page:

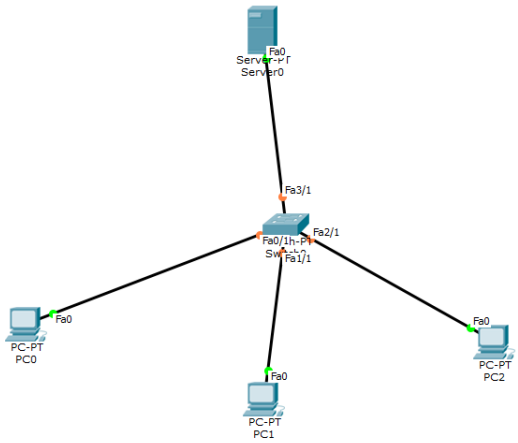
image:

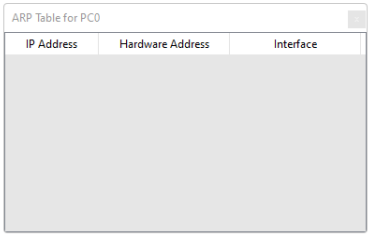


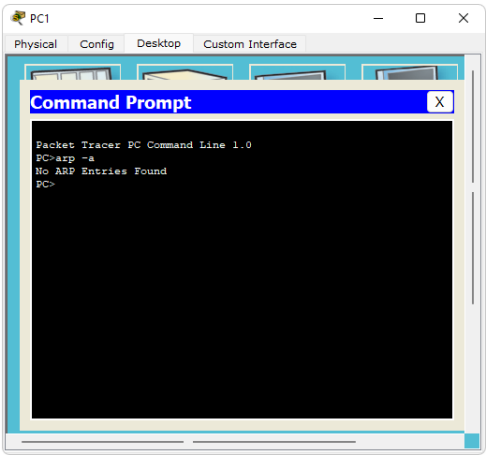
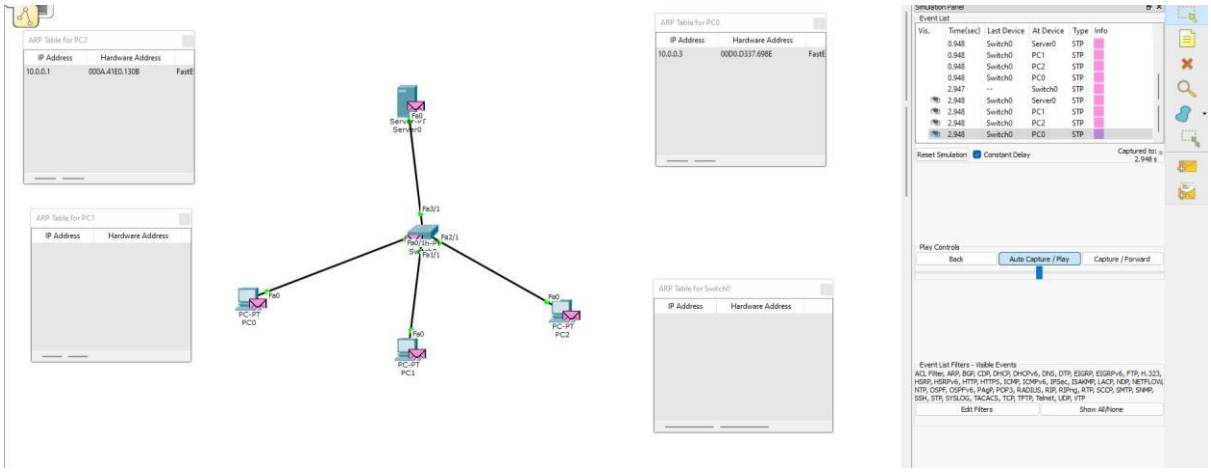
Topology:


Fa0
Server0
Fa3/1
Fa0/1
Fa2/1
Fa1/1
Fa0
PC-PT
PC0
Fa0
PC-PT
PC1
Fa0
PC-PT
PC2

Output:


Server-PT
Server0
Fa0
Fa3/1
Fa2/1
Fa1/1
Fa0
PC-PT
PC0
Fa0
PC-PT
PC1
Fa0
PC-PT
PC2


ARP Table for PC0
IP Address
Hardware Address
Interface


PC1
Physical
Config
Desktop
Custom Interface
Command Prompt
X
Packet Tracer PC Command Line 1.0
PC>arp -a
No ARP Entries Found
PC>