Abhiram
1BM18CS
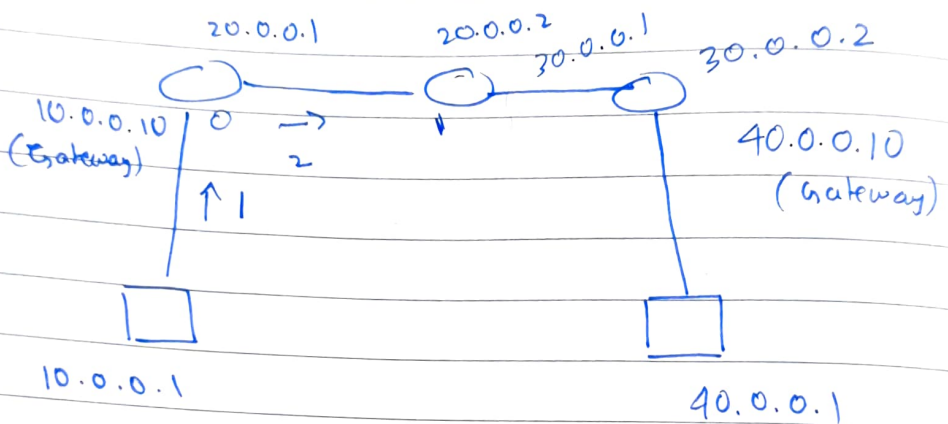
CN LAB

Aim: Understanding Routing Information Protocol (R

Diagram:

Procedure:

-> Set IP address and gateways for the PCs.

-> click on Router0 go to CLI

0. (In CLI)

enable

config t

interface fast Ethernet 0/0

ip 10.0.0.10

no shut exit

1. interface serial 2/0

ip 20.0.0.1

encapsulation PPP   (for RIP)

clock rate 64000

no shut

exit

enable
config 2
interface serial 2/0
ip 20.0.0.2
encapsulation ppp
no shut
exit

interface serial 3/0
ip 30.0.0.1
encapsulation pp
clock rate 64000
no shut
exit

2. enable
serial 2/0
ip 30.0.0.2
encapsulation ppp
no shut
exit

interface fast Ethernet 0/0
ip 40.0.0.10
no shut
exit

-> Check if all lights are green.
~> Check ip route
-> click router 0   router 1   router 2
    config t   config t   config t
    router rip   router rip   router rip
    network 10.0.0.0   network 20.0.0.0   net 30.0.0.0
    network 20.0.0.0   network 30.0.0.0   net 40.0.0

→ Click PC & ping to 40.0.0.1

Result: Transmission of data between the two pc's.

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