Experiment -2

Topology Objective

Topology
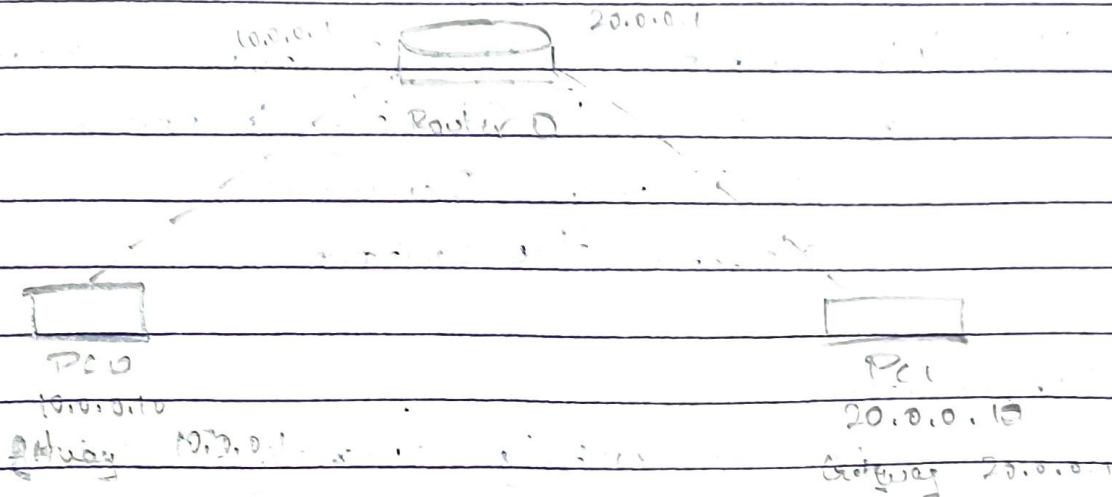
Procedure:

Step 1: Place 2 generic PC's and 1 generic router. Connect both PC's to the router's Fast ethernet Ports using copper crossover wire.

Step 2: Select PC1 config → Fastethernet 0 set IP Address as 10.0.0.10 and default gateway 10.0.0.1. Similarly for PC2 IP 20.0.0.10 and default gateway 20.0.0.1

Step 3:- Select router & go to CLI. Execute the following commands

> enable
config terminal
interface fastethernet 0/0
no shutdown
exit

notic PC0 & router 0 are successfully connected now run for PC1

interface fastethernet 1/0
ip address 20.0.0.1 255.0.0.0
no shutdown Successfully
PC1 is also ~~successfully~~ connected.

Step 4: Select PC0 → Desktop → Command prompt?
~~Prin~~ Ping PC1 by running command
→ Ping 20.0.0.1
Observe the output

Observation:
PC0 successfully Ping PC1 with 32 bytes
of data

Ping Statistics
Packets
Sent:4, Received:4, lost:0

TTL bytes

&
16/10