Experiment - 2

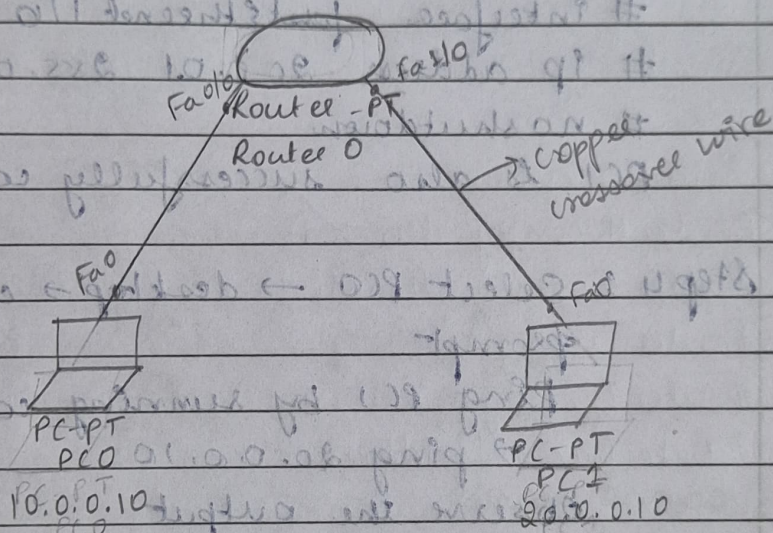**Aim :** Configure IP address to routers in packet tracer. Explore the

Topology :

Procedure :

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

Step 2 : Select PC1 config → Fast Ethernet 0 set IP address as 10.0.0.10 and default gateway 10.0.0.1. Similarly for PC 2 IP 20.0.0.10 and default gateway 20.0.0.1

Step 3 : Select router and go to CLI execute the following commands
→ enable
config terminal

Interface fastEthernet 0/0
ip address 10.0.0.1 255.0.0.0
no shutdown
exit

notice PC0 and 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
PC1 is also successfully connected.

Step 4 : Select PC0 → desktop → command
prompt
Ping PC1 by running command
→ ping 20.0.0.10
Observe the output

Observation
PC0 successfully pings PC1 with 32
bytes of data.

Ping Statistics
Packets:
sent =4 , received =4, host = 0