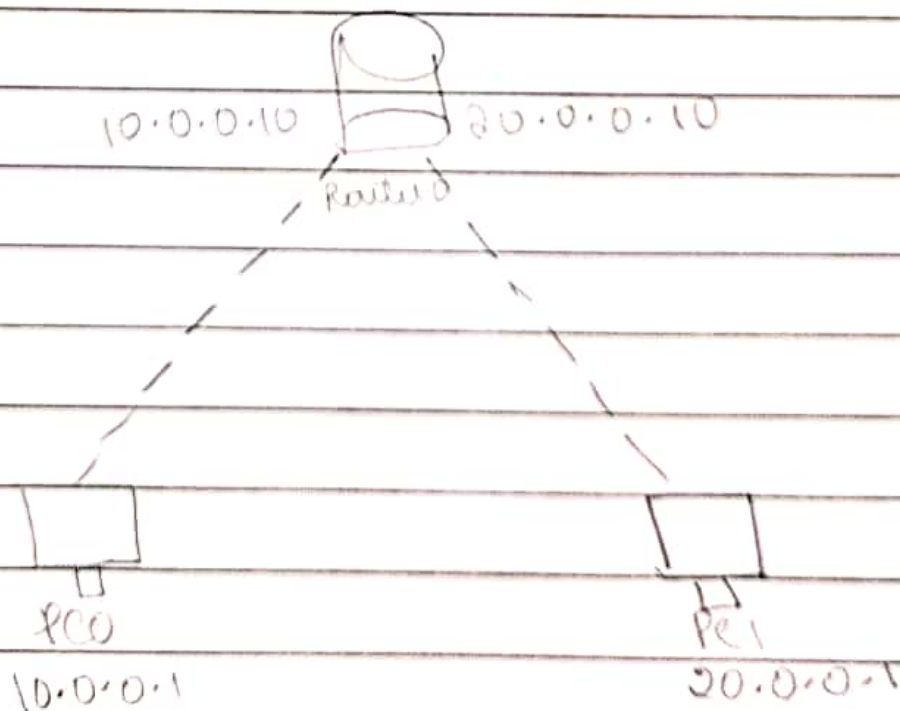


EXP-2

Q. Configuring IP address to Routers in Packet Tracer. Explore the following messages:
Ping responses, Destination unreachable,
Request timed out, Reply

AIM: To understand how packets are transferred from one PC to another via router

TOPOLOGY:



- PROCEDURE:
- 1) Take router-PT and 2 PCs and connect using fastethernet connections
 - 2) Set PC0 IP address to 10.0.0.1 and PC1 IP address to 20.0.0.1 with subnet 255.0.0.0 in the config → fast ethernet 0
 - 3) Go to router CLI and Type following commands provided below
 - 4) Go to each PC → PC0 at config gateway type the address given to each interface of router
PC0 → 10.0.0.10 PC1 → 20.0.0.10
 - 5) Go to PC0 and Desktop → Command prompt type Ping 20.0.0.1 to send messages from PC0 to PC1 and vice versa

CLI Commands:

- 1) Enter N

2) Enable

3) Config t

4) interface fastethernet 0/0

5) ip address 10.0.0.10 255.0.0.0

6) no shut

7) Exit

Repeat the above steps again for another interface with IP address 20.0.0.10 and 1/0.

Observation: Sent Packets from 1 PC to another successfully