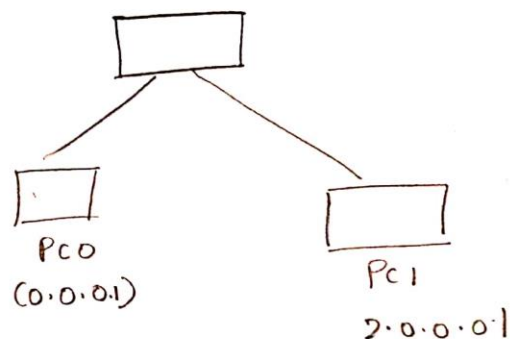


Experiment - 2Vaishnav S
IBM18CS121

Question : Demonstrate wiring of router.

Aim : Using ip configuration connect PCs to router.

Topology :



Procedure : → connect PCs to Router.

→ Configure IP & Gate way of every PC.

→ configure Router using command line interface.

CLI commands

- 1) enable.
- 2) config t
- 3) interface fastethernet 0/0.
- 4) ip address 10.0.0.10 255.0.0.0.
- 5) no shut.
- 6) Show ip route. 7) exit.

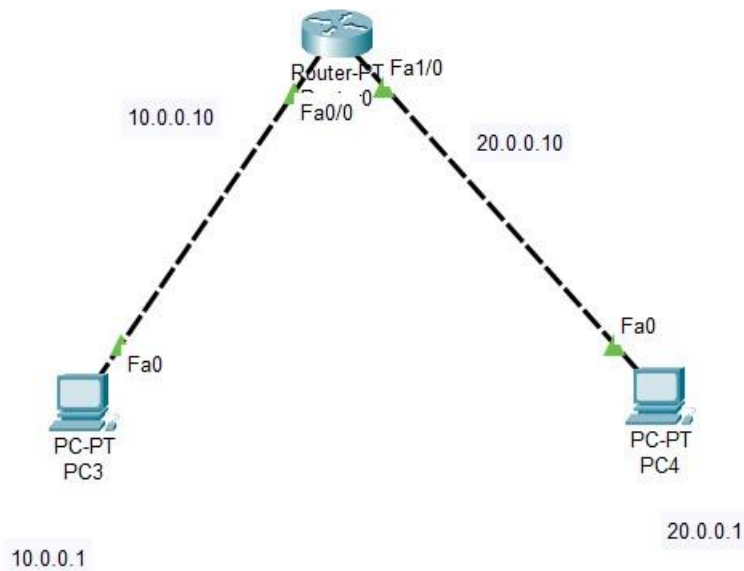
Vaishnav S.

Observation: → Router allows 2 networks to communicate
each other.

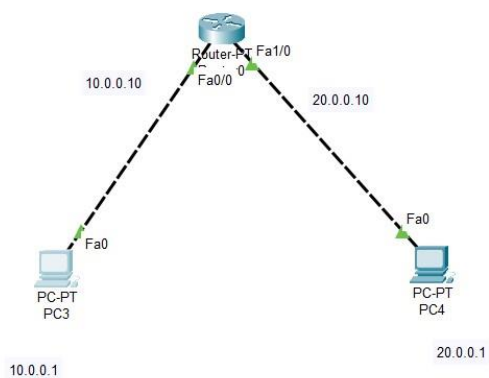
→ other a gateway to communicate with other
networks.

Vaidas

TOPOLOGY :



PING:



```
PC3
Physical Config Desktop Programming Attributes
Command Prompt
Packet Tracer PC Command Line 1.0
C:\>PING
Packet Tracer PC Ping
Usage: ping [-n count] [-v TOS] [-t] target
C:\>ping 20.0.0.1
Pinging 20.0.0.1 with 32 bytes of data:
Request timed out.
Reply from 20.0.0.1: bytes=32 time<1ms TTL=127
Reply from 20.0.0.1: bytes=32 time<1ms TTL=127
Reply from 20.0.0.1: bytes=32 time<1ms TTL=127
Ping statistics for 20.0.0.1:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>
```

