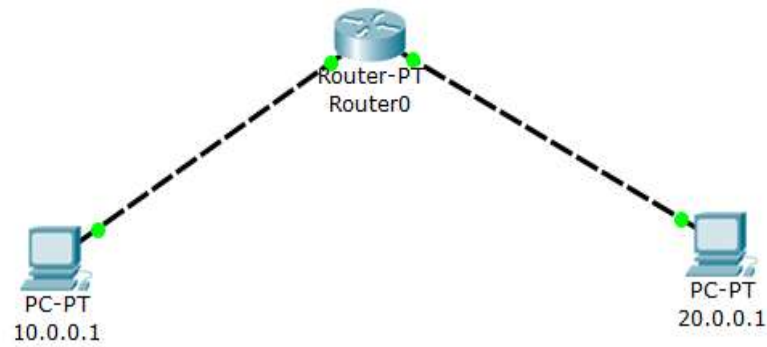


LAB-02

1BM21CS218



```
Command Prompt X

Packet Tracer PC Command Line 1.0
PC>ping 20.0.0.1

Pinging 20.0.0.1 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 20.0.0.1:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

PC>
```

```

Ping statistics for 20.0.0.1:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss)

PC>ping 20.0.0.1

Pinging 20.0.0.1 with 32 bytes of data:

Reply from 20.0.0.1: bytes=32 time=0ms TTL=127
Reply from 20.0.0.1: bytes=32 time=1ms TTL=127
Reply from 20.0.0.1: bytes=32 time=0ms TTL=127
Reply from 20.0.0.1: bytes=32 time=0ms TTL=127

Ping statistics for 20.0.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss)

```

CN - LAB - 02

① Connecting the Routers with two end devices.

Observation :-

- * Routers are used to establish connection between different networks.
- * End devices are connected to the routers with the help of interface.

Like End device & Router (FastEthernet 0/0) is one interface and the other is FastEthernet 0/1.

- * When we try to ping from source to destination giving Gateway.

we get "Request timed out" i.e., packets are not received and are lost because router does not know the path to send the packet to destination.