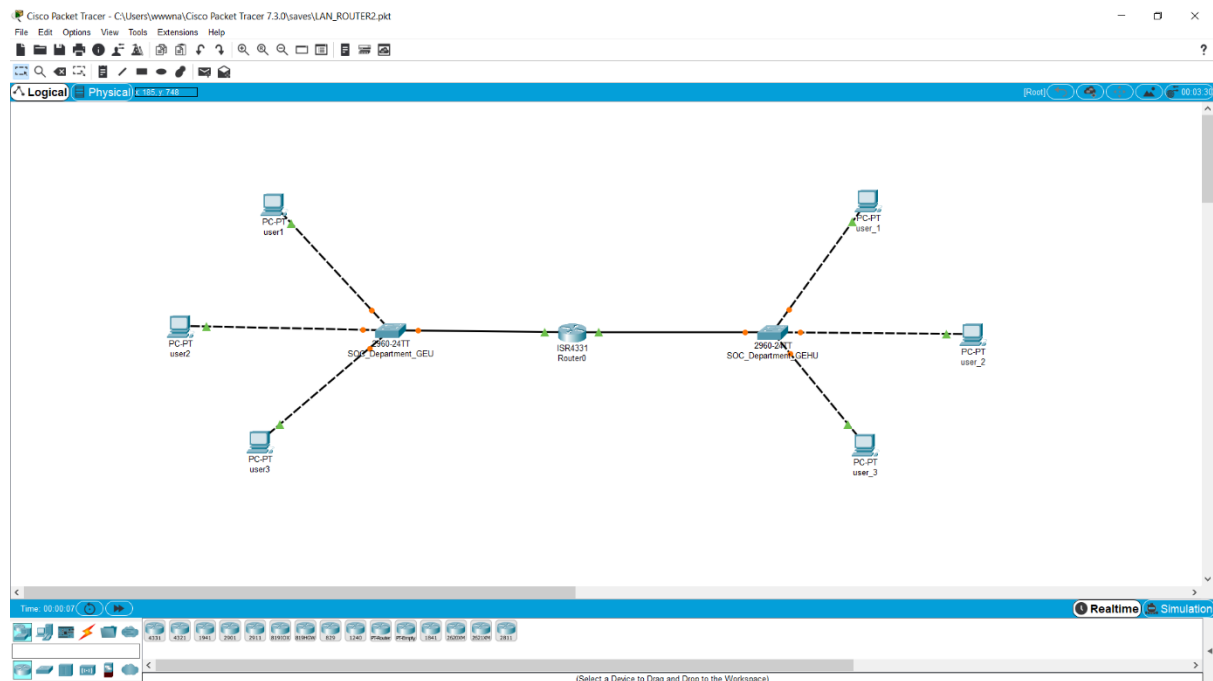


## Q2:



user1

Physical Config Desktop Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 172.16.1.2

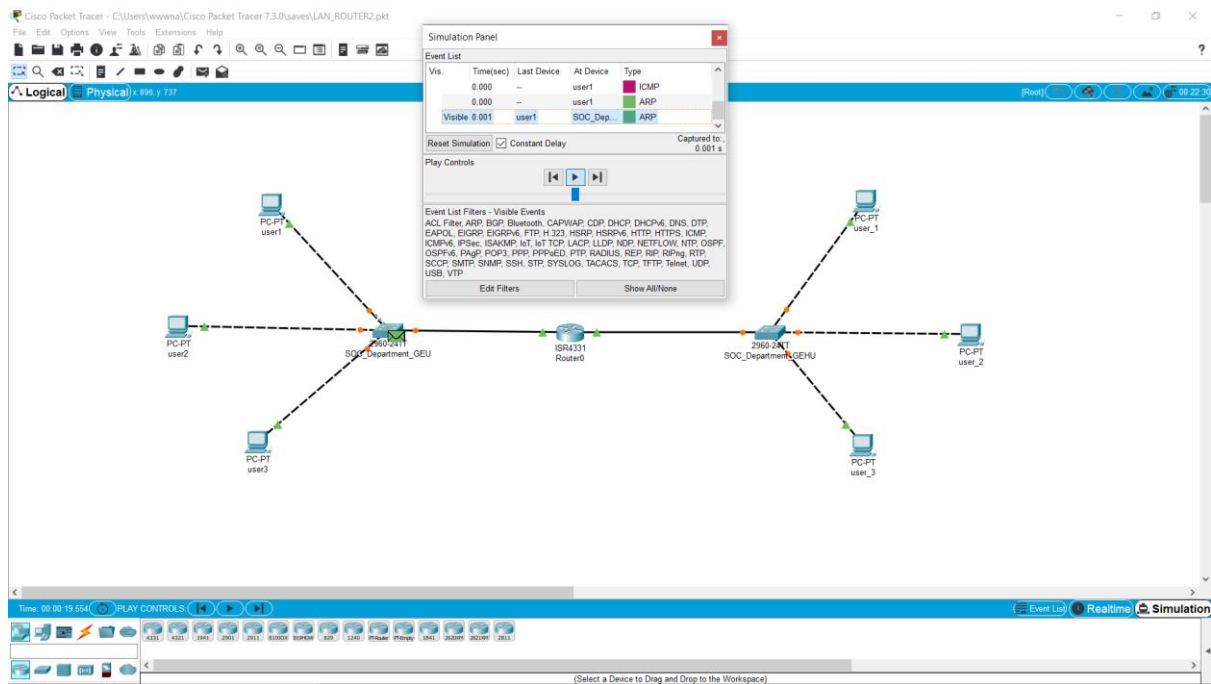
Pinging 172.16.1.2 with 32 bytes of data:

Request timed out.
Reply from 172.16.1.2: bytes=32 time=1ms TTL=127
Reply from 172.16.1.2: bytes=32 time=1ms TTL=127
Reply from 172.16.1.2: bytes=32 time=1ms TTL=127

Ping statistics for 172.16.1.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

Top



**STEPS:**

Namans Singh

MCA-2B

Student ID - 20561034

Rollno -> 2001091

Q 2 ->

Problem Statement: Perform connection between two organization namely GEHU & GEU: SOC Department.

Objective: To understand how to setup connection b/w 2 different networks.

Description:

Steps ↓

1. Open software packet tracer.
2. Click on devices icon, drag & drop 6 PCs each 3 for 1 network.
3. To setup network connection select router from the networking devices icon & drop it on the worksheet.
4. To connect users within the network select 2 different switches each one for one network setup.
4. Now, select connectivity option & connect the PCs to the switch.
5. Now, connect the switches to the routers.
6. We have to dynamically allocate IP address to the router.

7. Setup the IP configuration of all the PCs dynamically: by setting up gateway & then give it as the dynamic IP address.

↳ For network ①:

IP address: 192.168.1.1  
192.168.1.2  
192.168.1.3

↳ For network ②:

IP address: 172.16.1.1  
172.16.1.2  
172.16.1.2

8. To check connectivity of user 1 of GEU & user 2 of GEHU:

click on user 1 of GEU and then:

ping 172.16.1.2 (IP address of user 2 of GEHU, SOC department)

9. Similarly to check connection b/w any two PC follow steps 8.