

Name - Samikchha Gurung

Course - MCA 2nd Sem

Section - B

Roll no. - 2001127

Subject - Computer Networks (FMC-203)

Problem Statement 2 - There are two organisations in a city named GEU and GEHU, design a network between the SOC department of GEU and GEHU. Also, show the communication between user number 1 of GEU and user number 2 of GEHU.

Objective - Create Peer to Peer connections

Step 1 - Drop 2 pc to working area

Step 2 - Connect them with copper cross-over and then select fast ethernet for both to establish connection.

Step 3 - give IP address & subnet mask by manually in both PC / user

Step 4 - Check connection between them by ping command open command prompt by clicking on pc then go to desktop & enter ping command with IP address of 2nd pc.

Samikchha

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Physical x: 351, y: 579

PC0

Physical Config Desktop Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.10.2

Pinging 192.168.10.2 with 32 bytes of data:

Reply from 192.168.10.2: bytes=32 time<1ms TTL=128
Reply from 192.168.10.2: bytes=32 time<1ms TTL=128
Reply from 192.168.10.2: bytes=32 time<1ms TTL=128
Reply from 192.168.10.2: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

PC-PT PC0

PC-PT PC1

Time: 00:01:02

Realtime Simulation

Copper Cross-Over