

Date _____
Page _____

Name = Devashish

Course = MCA

Section = A

University Roll No. = 2001055

Subject name = Computer Networks

Subject code = TMC 203

- ① Problem statement :- There is an organization A with multiple departments. Design a network for the HR department and the size of the department is 10 users.

Show the communication b/w user no. 1 & user no. 5 of the network.

description :- Here we are using packet tracer to show the networking & connections between them.

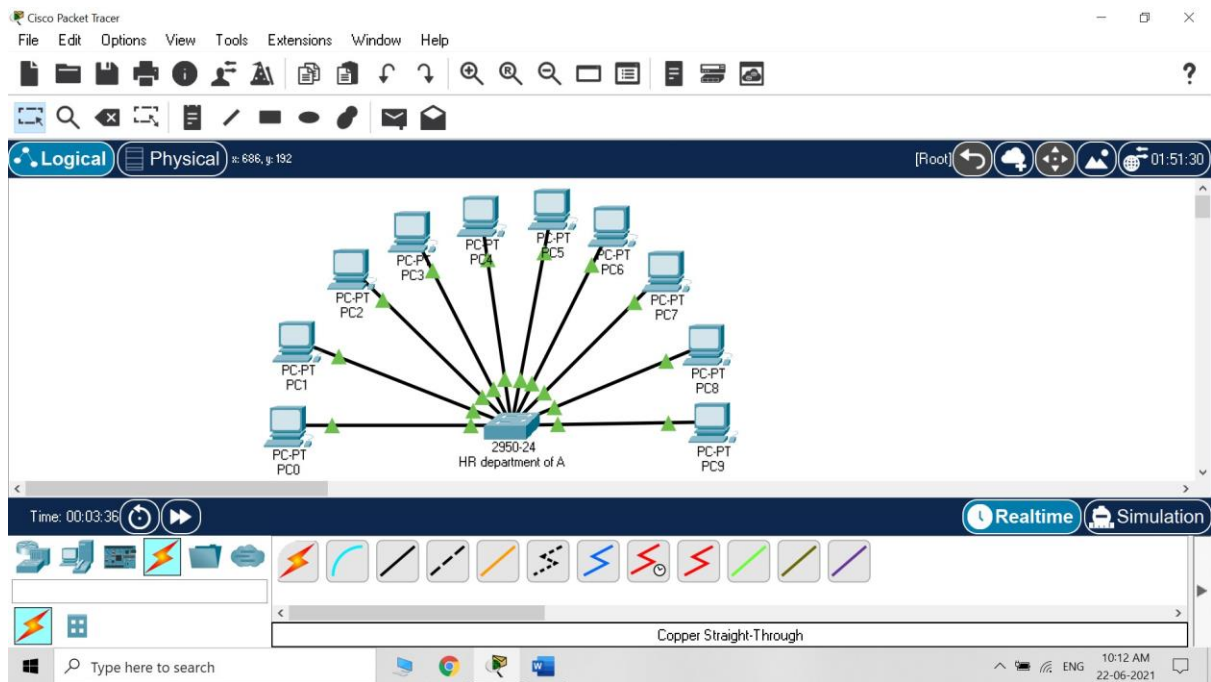
first we create one node as pc and then other nine.

connected to a hub using copper straight-through.

We set the IP addresses of all the nodes

then we use command prompt to show the communication between user 1 & user 5.

command is ping 192.168.1.5
for user 1.



PC0

Physical Config Desktop Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.5

Pinging 192.168.1.5 with 32 bytes of data:

Reply from 192.168.1.5: bytes=32 time<1ms TTL=128
Reply from 192.168.1.5: bytes=32 time<1ms TTL=128
Reply from 192.168.1.5: bytes=32 time<1ms TTL=128
Reply from 192.168.1.5: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>|
```

Top

09:47 AM 22-06-2021