Date
Page No.

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Course → MCA 2A
Roll no → 2001005
Subject → Computer Networks Practical
Subject code → TMC 203

Q1 Design network for HR of size 10 user.

Steps 1: Add users or computer from end device

Step 2: Add a router to connect all the user
: Configure if necessary.

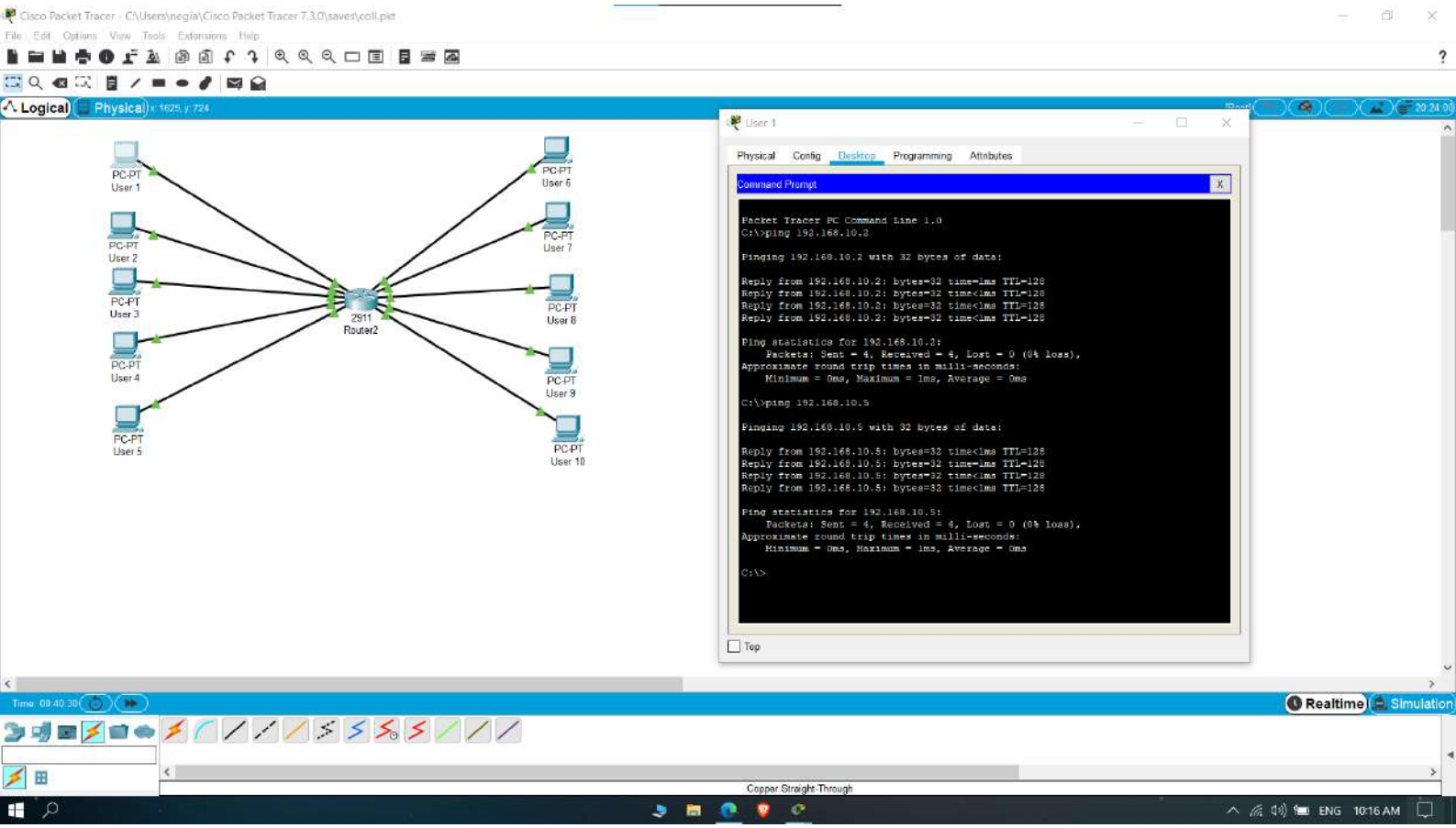
Step 3: Connect computer or user with router by using. Copper Straight-Through.

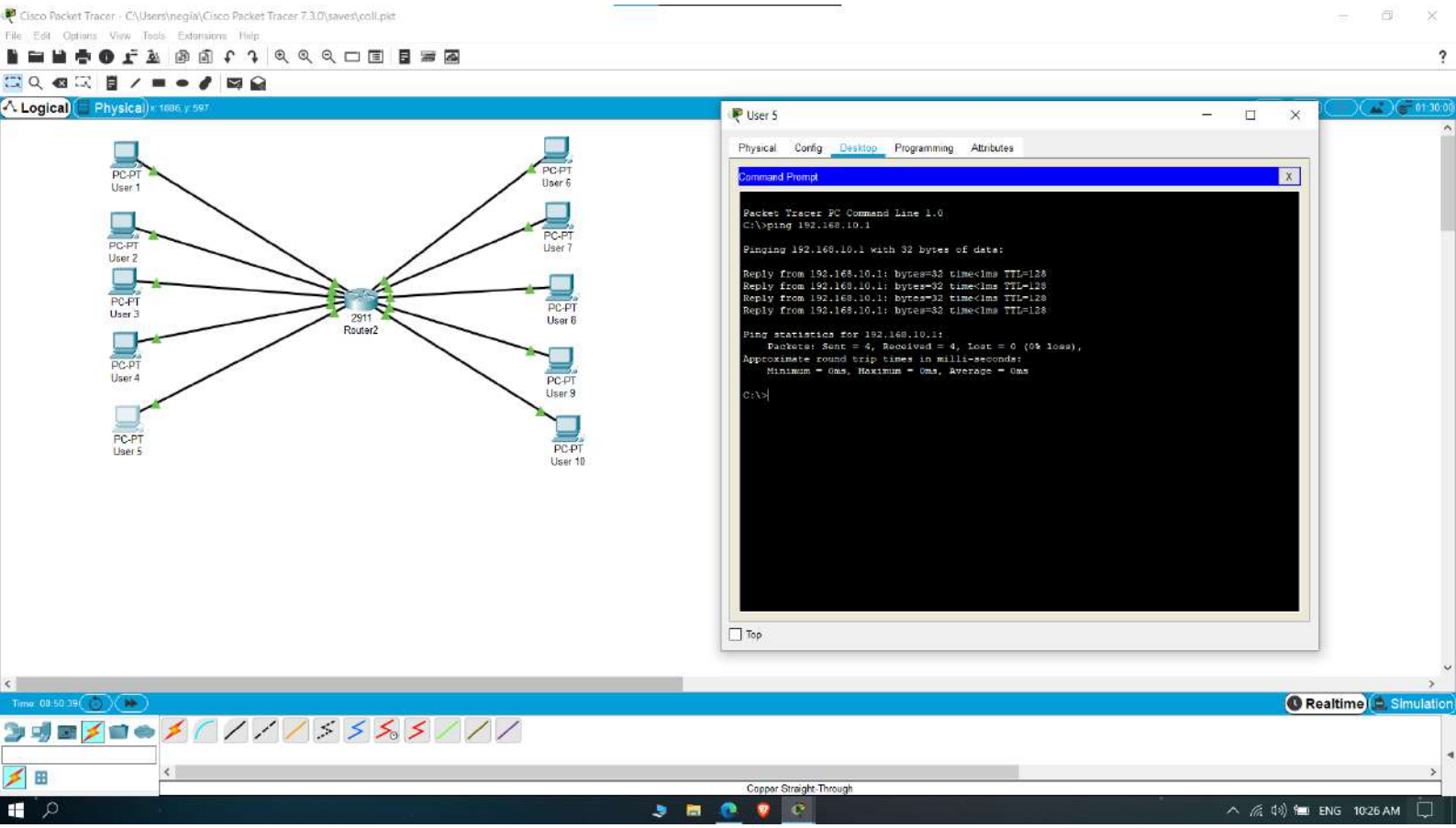
Step 4: Configure IP for every user.

To show communication between User 1 & User 2 we have to run ping <IP address> command from both user.

ping 192.168.10.5 (from user 1)

ping 192.168.10.1 (from user 5)


Cisco Packet Tracer - C:\Users\negia\Cisco Packet Tracer 7.3.0\saves\coll.pkt
File Edit Options View Tools Extensions Help
Logical
Physical
PC-PT User 1
PC-PT User 2
PC-PT User 3
PC-PT User 4
PC-PT User 5
PC-PT User 6
PC-PT User 7
PC-PT User 8
PC-PT User 9
PC-PT User 10
2911 Router2
User 1
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:\>ping 192.168.10.5
Pinging 192.168.10.5 with 32 bytes of data:
Reply from 192.168.10.5: bytes=32 time<1ms TTL=128
Reply from 192.168.10.5: bytes=32 time<1ms TTL=128
Reply from 192.168.10.5: bytes=32 time<1ms TTL=128
Reply from 192.168.10.5: bytes=32 time<1ms TTL=128
Ping statistics for 192.168.10.5:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 1ms, Average = 0ms
C:\>
Top
Realtime
Simulation
Copper Straight-Through
ENG
10:16 AM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Logical
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PC-PT User 1
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PC-PT User 4
PC-PT User 5
PC-PT User 6
PC-PT User 7
PC-PT User 8
PC-PT User 9
PC-PT User 10
2911 Router2
User 5
Physical Config Desktop Programming Attributes
Command Prompt
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.10.1
Pinging 192.168.10.1 with 32 bytes of data:
Reply from 192.168.10.1: bytes=32 time<1ms TTL=128
Reply from 192.168.10.1: bytes=32 time<1ms TTL=128
Reply from 192.168.10.1: bytes=32 time<1ms TTL=128
Reply from 192.168.10.1: bytes=32 time<1ms TTL=128
Ping statistics for 192.168.10.1:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>
Top
Realtime
Simulation
Copper Straight-Through
ENG
10:26 AM