INSTITUTE OF ENGINEERING

ADVANCED COLLEGE OF ENGINEERING AND MANAGEMENT
Kupondole, Lalitpur
(AFFILIATED TO TRIBHUVAN UNIVERSITY)

Lab no:8
Subject: Computer Network

Submitted By:

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Submitted To:

Department of Computer
and
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Lab 8

Title: Multiuser Connection

Objective:

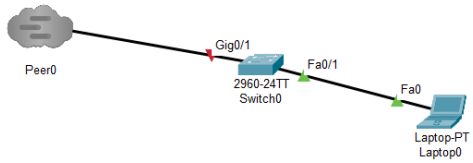
- To learn about configuration of multiuser connection

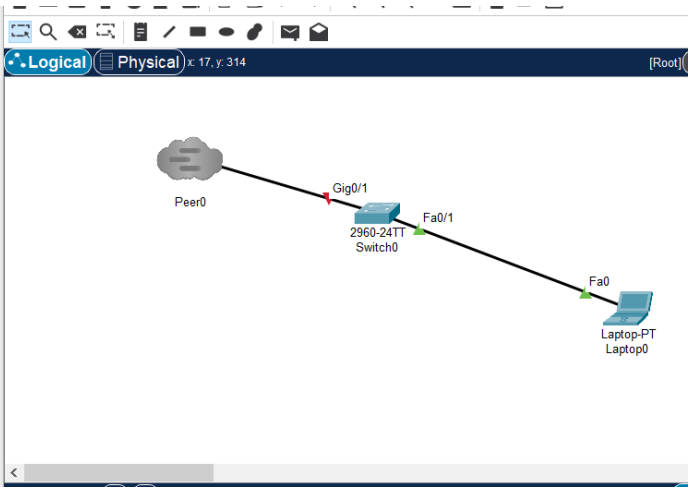
Theory:

The multiuser feature in Packet Tracer allows multiple point-to-point connections between multiple instances of Packet Tracer. This first Packet Tracer Multiuser (PTMU) activity is a quick tutorial demonstrating the steps to establish and verify a multiuser connection to another instance of Packet Tracer within the same LAN. Ideally, this activity is meant for two students. However, it can also be completed as a solo activity simply by opening the two separate files to create two separate instances of Packet Tracer on your local machine.

Design:

Open Multiple Cisco Packet Tracer and draw the same structure as client-side and Server-side drawings on different cisco packet tracer windows





Procedure:

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- Client-Side Multiuser Connection
- First the required tools are selected.
- Specify the connection type as Outgoing, Peer Network Name as **Peer 0** (it is case sensitive).
- Specify the password as **721108**
- Then click on **Connect** to display **Peer 0** in another terminal of Cisco Packet Tracer
- Click on **Yes** to Display **Peer 0** multiuser peer connection to another cisco packet tracer window.
- Configure Ip address with subnet mask along with gateway
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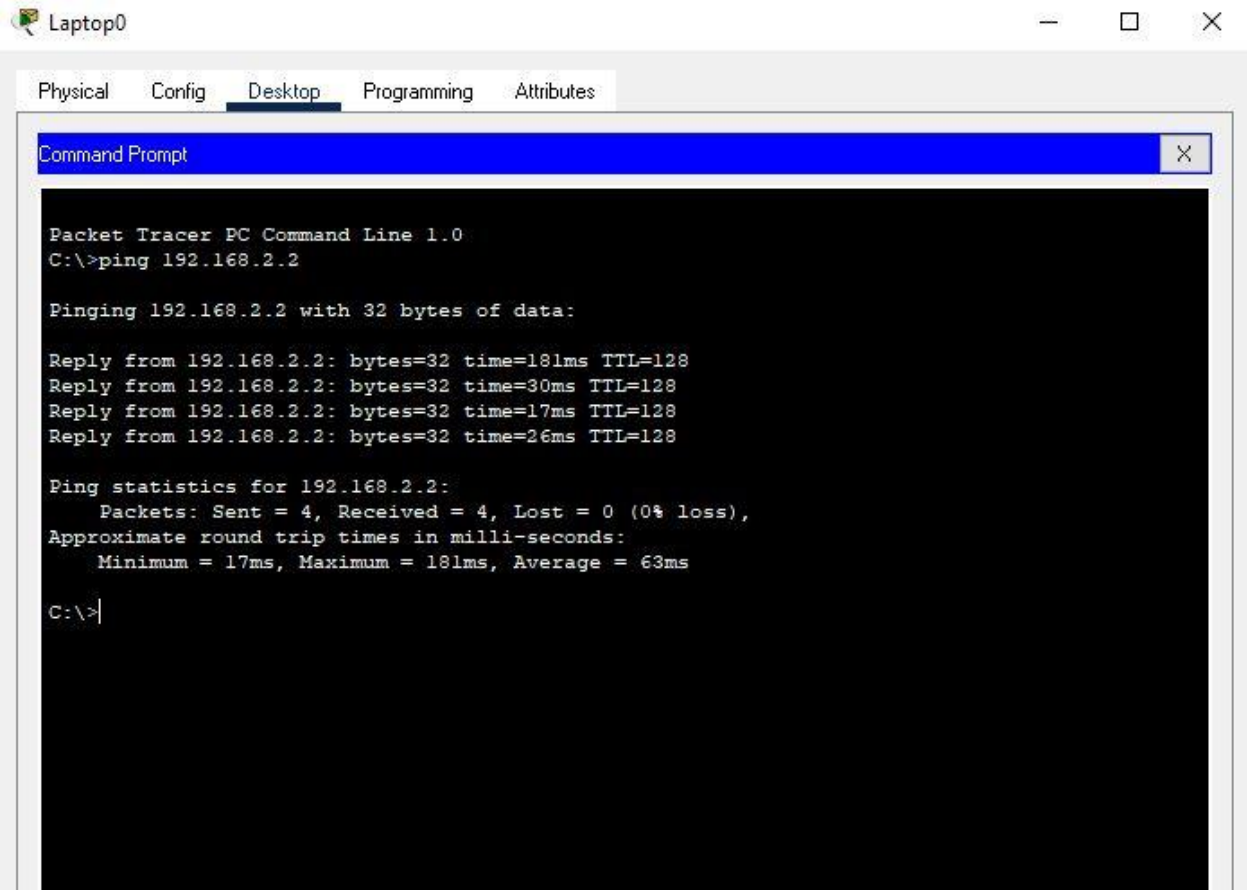
- Server-Side Multiuser Connection
- First the required tools are selected.
- When you get **Peer 0** on Screen
- then connect the wire manually from gigabit port of the Switch to **Peer 0** Click on Link 0(Switch 0 GigabitEthernet0/1) to make connection establish.
- Now you can ping from any terminal to the other packet tracer user.
- Configure Ip address with subnet mask along with gateway

Output:

- Ping from Client to Server



Result and Conclusion:

In this lab we were able to configure the multiuser connection in the devices and able to ping them without any physical connection.