# योग: कर्मस कोशलम

## DARSHAN INSTITUTE OF ENGINEERING & TECHNOLOGY

## Semester 5th | Practical Assignment | Computer Networks (2101CS501)

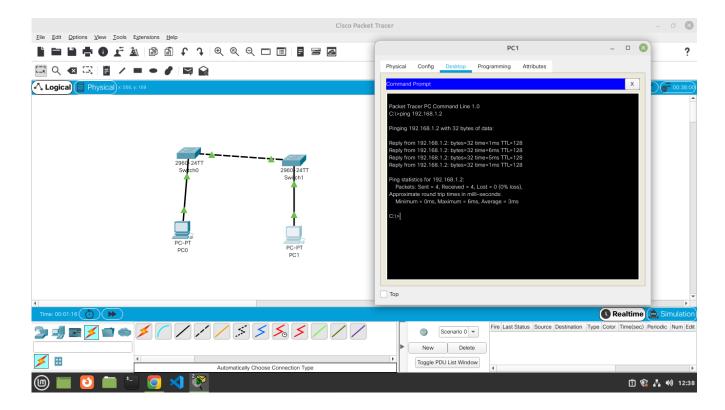
Date: 01/08/2023

#### -Lab Practical #04:

Installation of Network Simulator (Packet Tracer) and Implement different LAN topologies.

## **Practical Assignment #04:**

1. Create a simple network with switch and two or more pc. Also check connectivity between them using ping command or PDU utility.



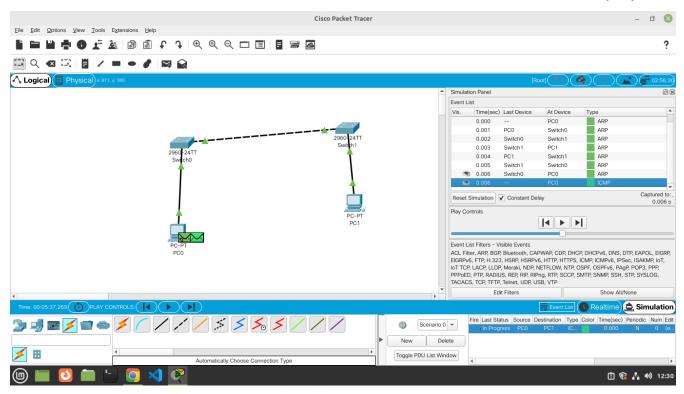
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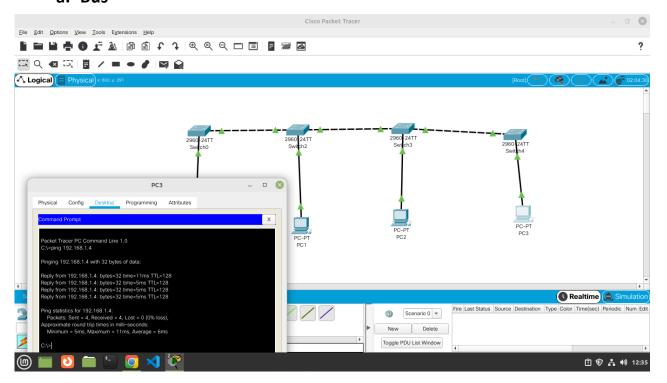


# Semester 5th | Practical Assignment | Computer Networks (2101CS501)

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- 2. Implement different topologies in packet tracer.
  - a. Bus



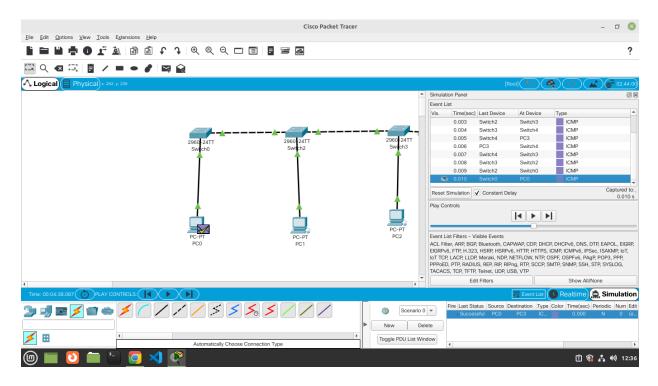
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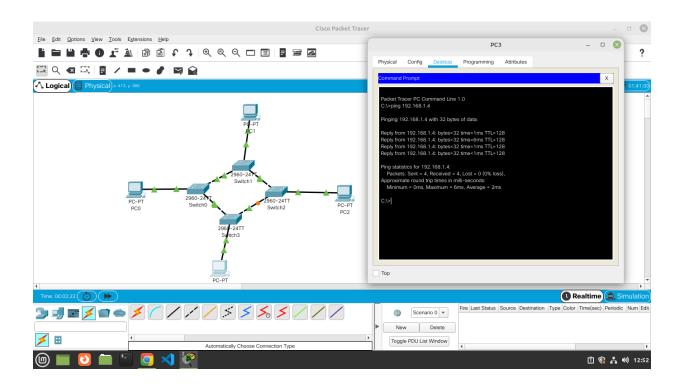
# Semester 5th | Practical Assignment | Computer Networks (2101CS501)

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b.



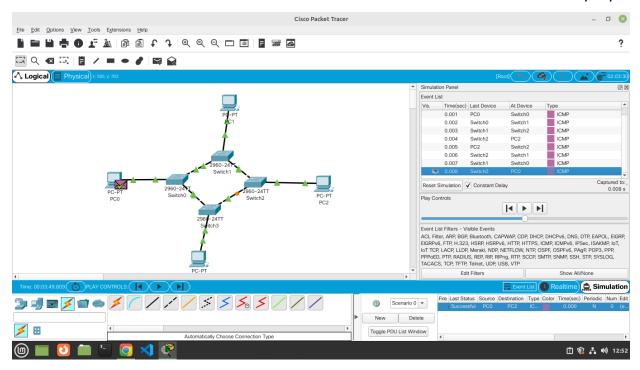
## c. Ring



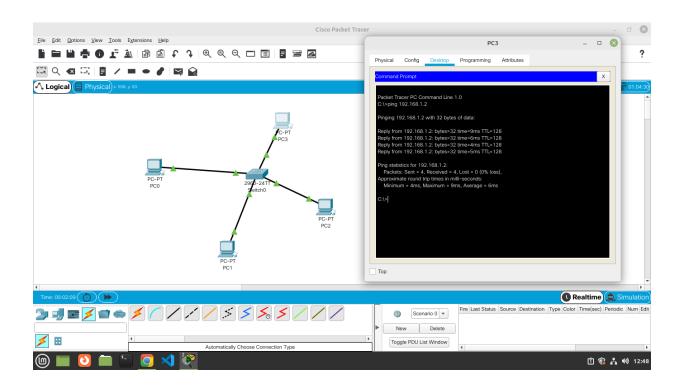


# Semester 5th | Practical Assignment | Computer Networks (2101CS501)

Date: 01/08/2023



#### d. Star

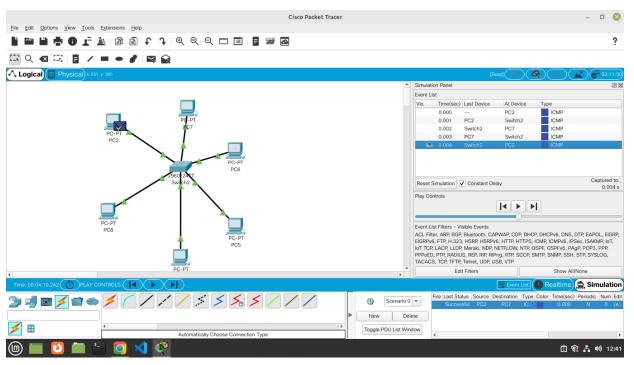


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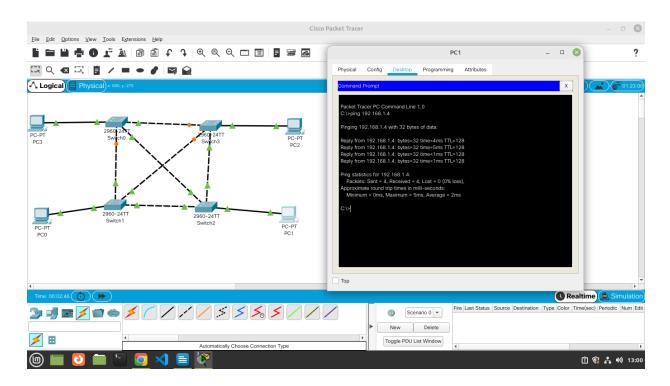


# Semester 5<sup>th</sup> | Practical Assignment | Computer Networks (2101CS501)

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#### e. Mesh



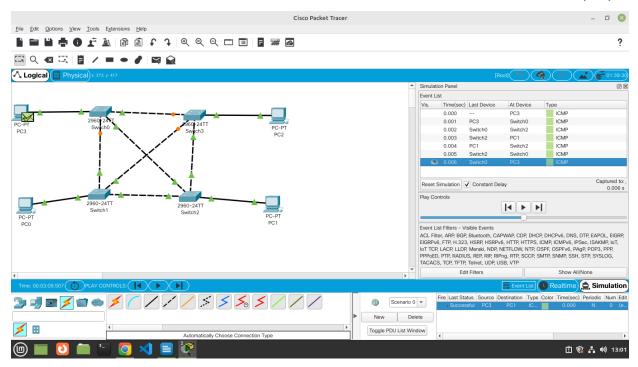
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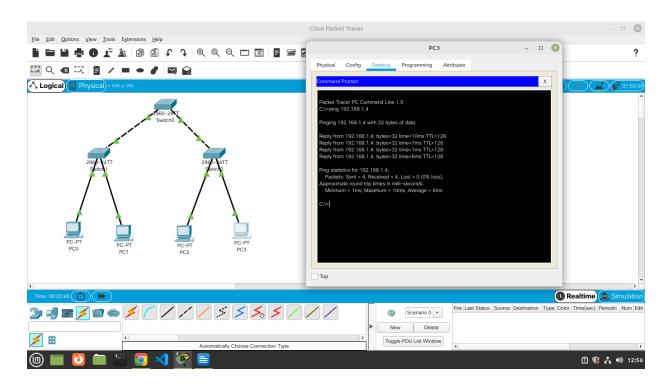


# Semester 5th | Practical Assignment | Computer Networks (2101CS501)

Date: 01/08/2023



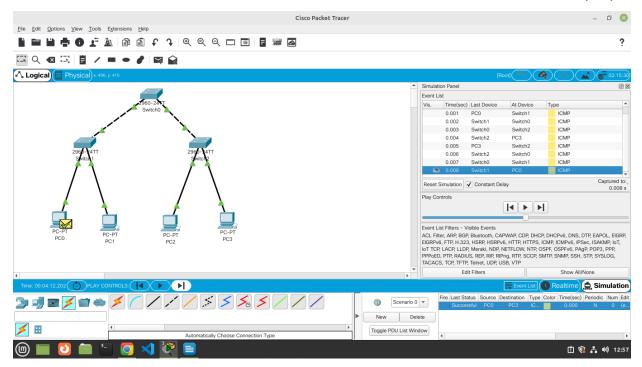
#### f. Tree





# Semester 5th | Practical Assignment | Computer Networks (2101CS501)

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## **Instructions:**

- 1. Topology-wise Screenshot.
- 2. Mention IP address of each pc as label.
- 3. Ping command or PDU screenshot between two pcs.

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