### Semester 5th | Practical Assignment | Computer Networks (2301CS501)

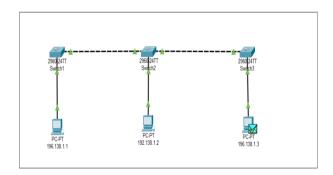
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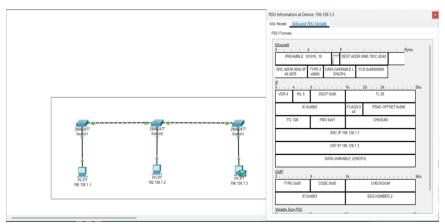
### Lab Practical #04:

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.
- 2. Implement different topologies in packet tracer.
  - a. Bus
  - b. Ring
  - c. Star
  - d. Mesh
  - e. Tree
    - 1. Bus Topology Structure

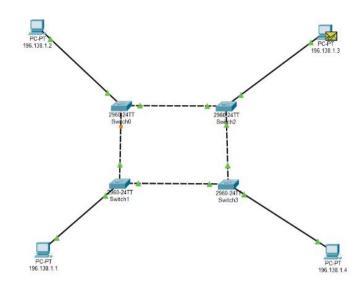


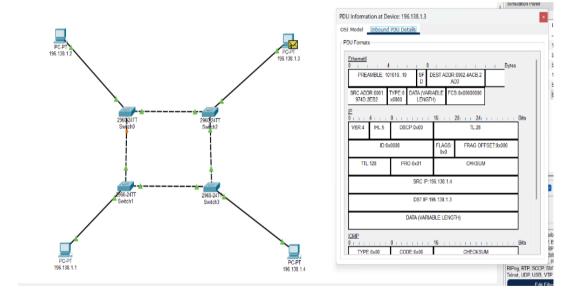


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## 2. Ring Topology Structure

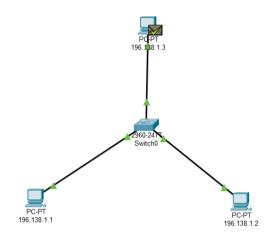


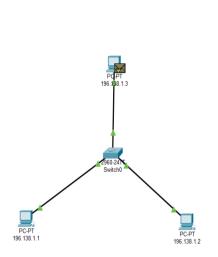


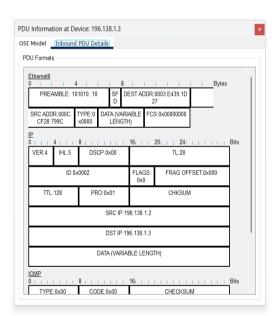
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## 3. Star Topology Structure



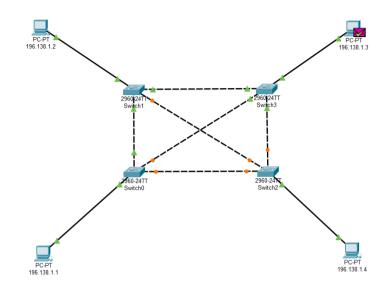


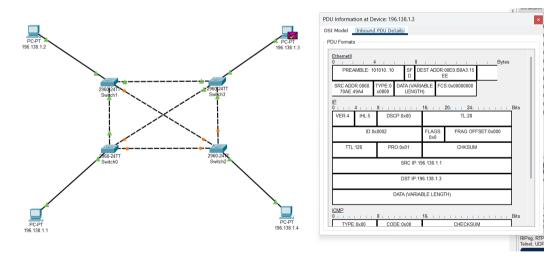


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# 4. Mesh Topology Structure





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# 5. Tree Topology Structure

