WORKSHEET 2.1

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Subject Name: Computer Networks **Subject Code: 21CSP-256**

1. **Aim**:

   Implement different network topologies like Star, Bus with the help of packet tracer or NS2 Software.

2. **Software Requirements:**

   Packet Tracer or NS2 Software
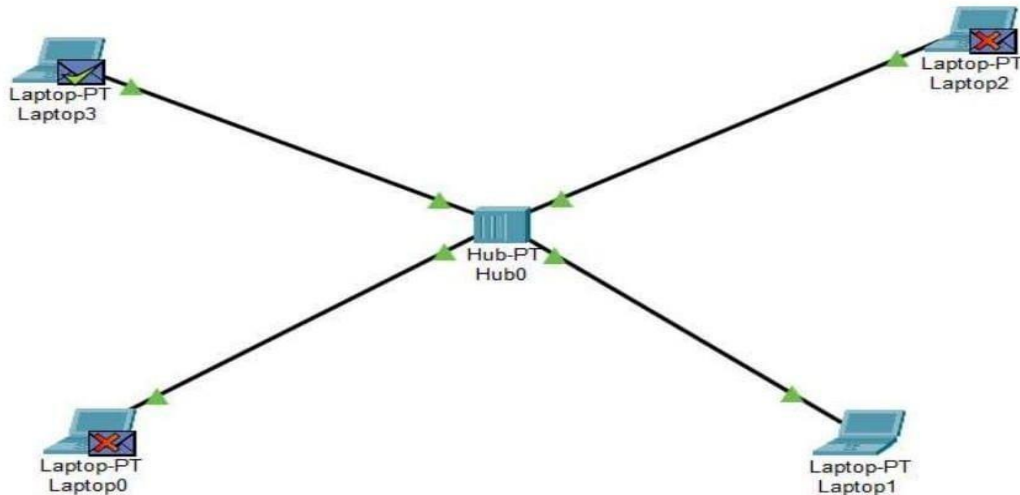
3. **Hardware Requirements:**

   - *Processor – Any suitable Processor e.g., Celeron*
   - *Main Memory - 128 MB RAM*
   - *Hard Disk – minimum 20 GB IDE Hard Disk*
   - *Removable Drives–1.44 MB Floppy Disk Drive –52X IDE CD-ROM Drive*
   - *PS/2 HCL Keyboard and Mouse.*

4. **Procedure:**

For implementing bus and star topology firstly, take at least 4 to 5 end devices and connect allthe end devices to 2 different switches and connect the both switch to new 3rd switch and configure the IP address and subnet mask of all the end devices and the generate the message.

5.Results:

Star Topology

Bus Topology: