

# Introduction to Computer(01103)

◉ **Lecture# 04**

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# Topics

- **Computer Network Topologies.**

1. **Mesh Topology**
2. **Star Topology**
3. **Bus Topology**
4. **Ring Topology**
5. **Hybrid Topology**

**Lab activity:**

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**How increase and decrease text size in MS office?**

# Computer Network Topologies.

- **Computer Network Topologies.**

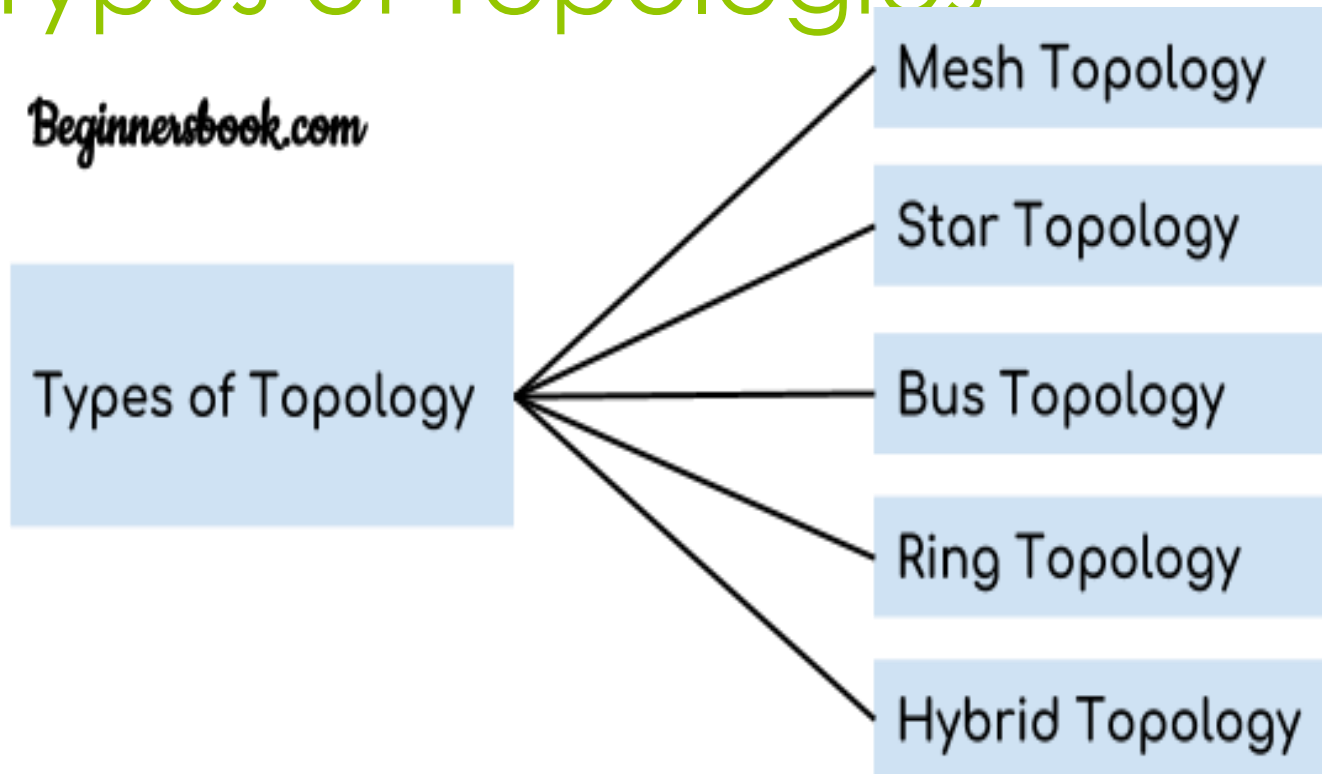
A Network **Topology** is the arrangement with which **computer** systems or network devices are connected to each other. **Topologies** may define both physical and logical aspect of the network. Both logical and physical **topologies** could be same or different in a same network.

# Computer Network Topologies.

- Geometric representation of how the computers are connected to each other is known as topology. There are five types of topology – Mesh, Star, Bus, Ring and Hybrid.

# Types of Topologies

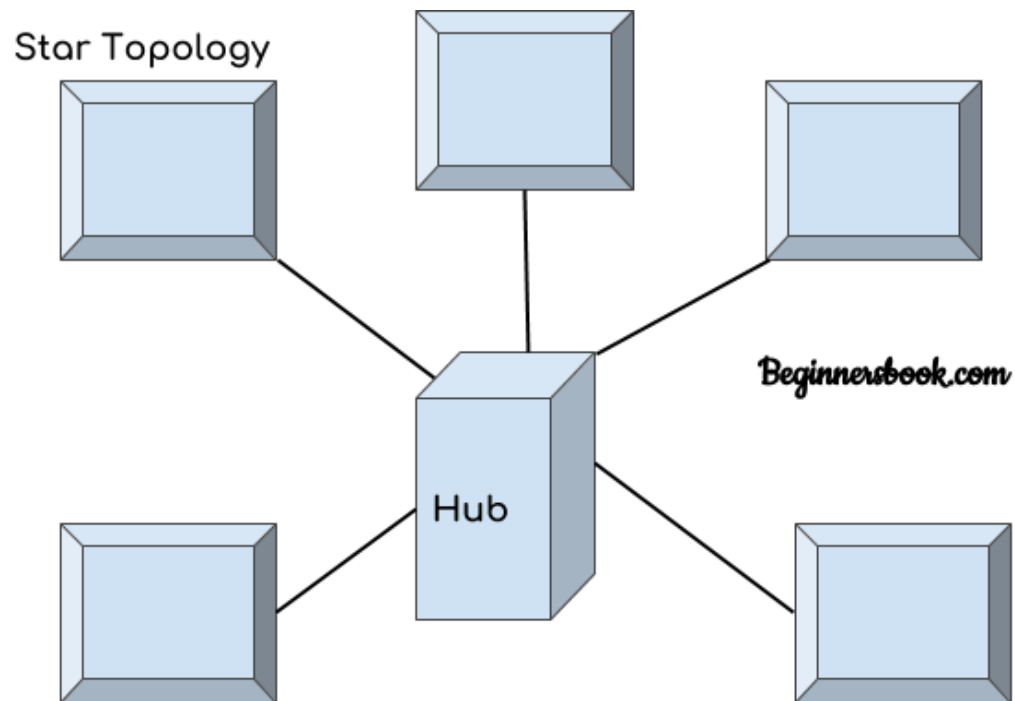
*Beginnerbook.com*



# Star Topology

In star topology each device in the network is connected to a central device called hub. Unlike Mesh topology, star topology doesn't allow direct communication between devices, a device must have to communicate through hub. If one device wants to send data to other device, it has to first send the data to hub and then the hub transmit that data to the designated device.

# Star Topology



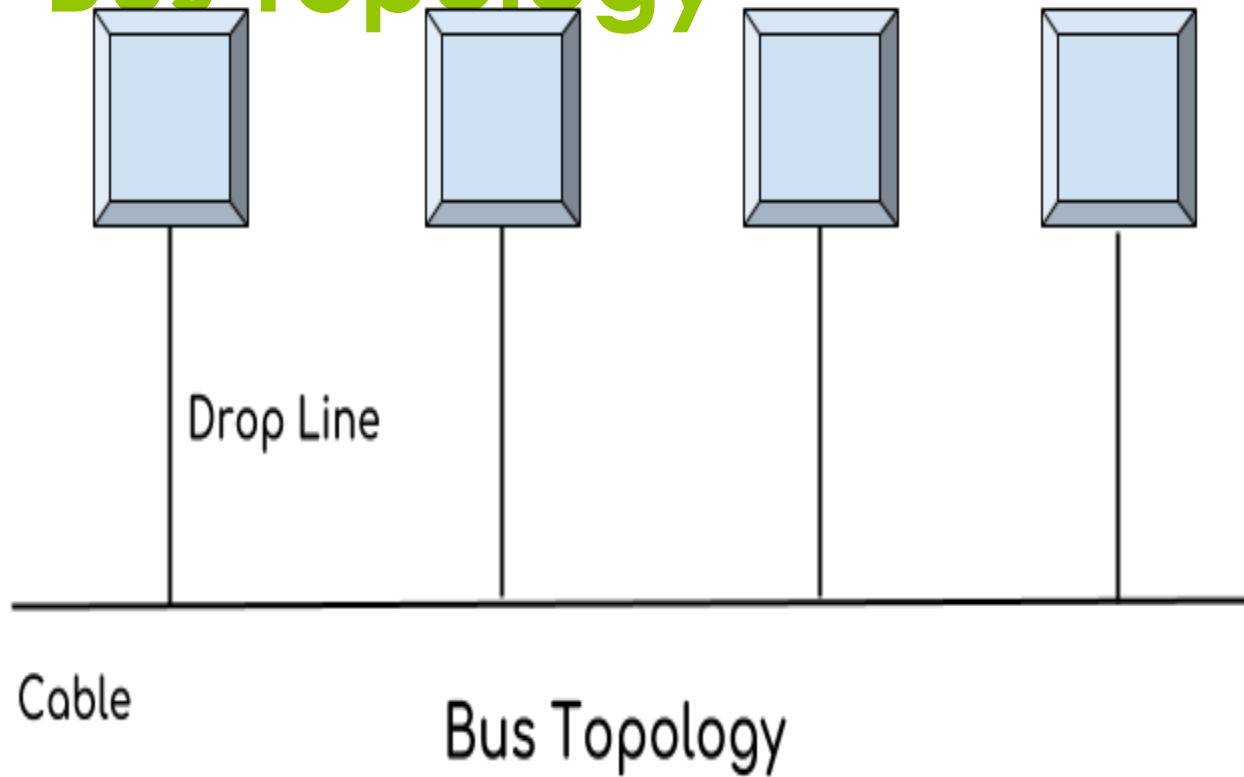
# Bus Topology

- In bus topology there is a main cable and all the devices are connected to this main cable through drop lines. There is a device called tap that connects the drop line to the main cable. Since all the data is transmitted over the main cable, there is a limit of drop lines and the distance a main cable can have.



# Bus Topology

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- Change the size of selected text
- To change the font size of selected text in desktop Excel, PowerPoint, or Word:
- Select the text or cells with text you want to change. To select all text in a Word document, press Ctrl + A.
- On the **Home** tab, click the font size in the **Font Size** box.