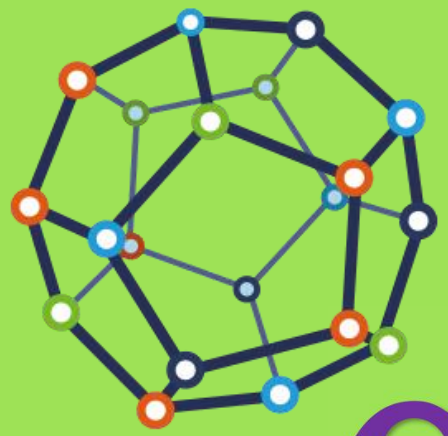

Computer Network

Class VI
lab 3

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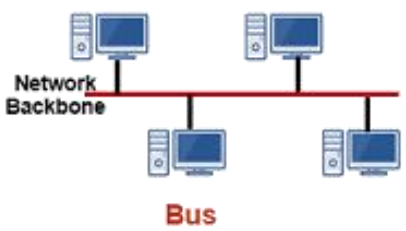
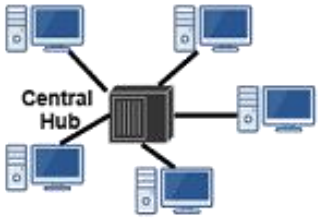
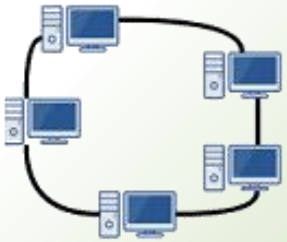
Network Topology



Bus



Star


Ring

Mesh

Tree

Point-to-Point

Network Topology refers to layout of a network

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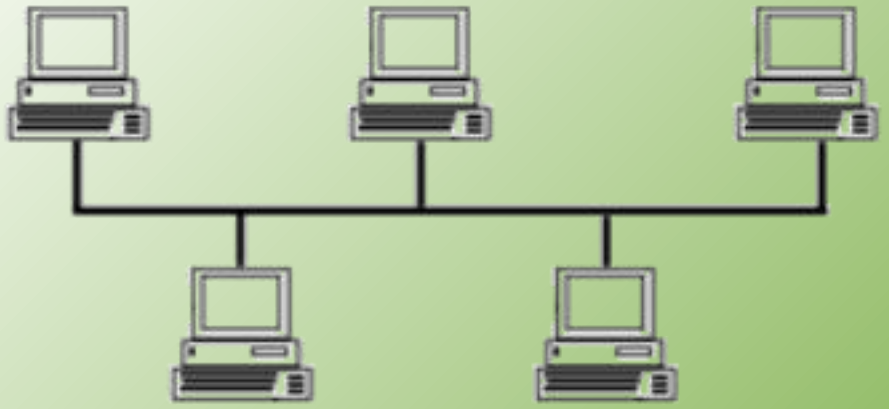
Bus Topology

In networking a bus is the central cable. The main wire, that connects all devices on a local-area network (LAN)



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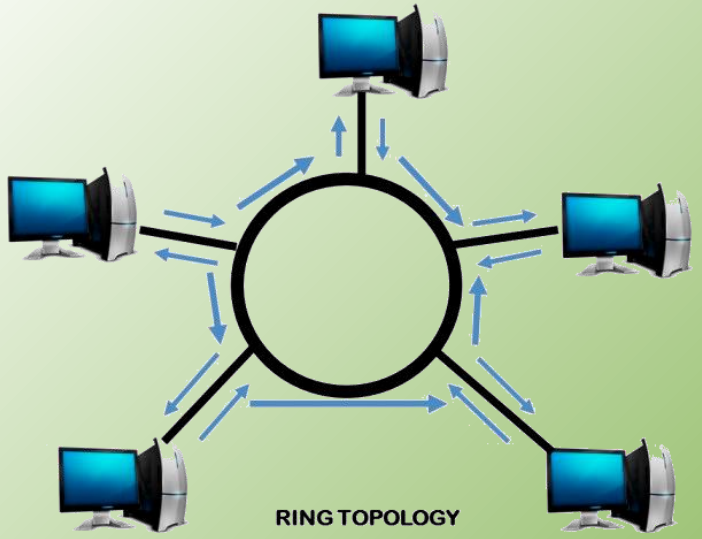
Ring Topology

all of the nodes are connected in a closed loop



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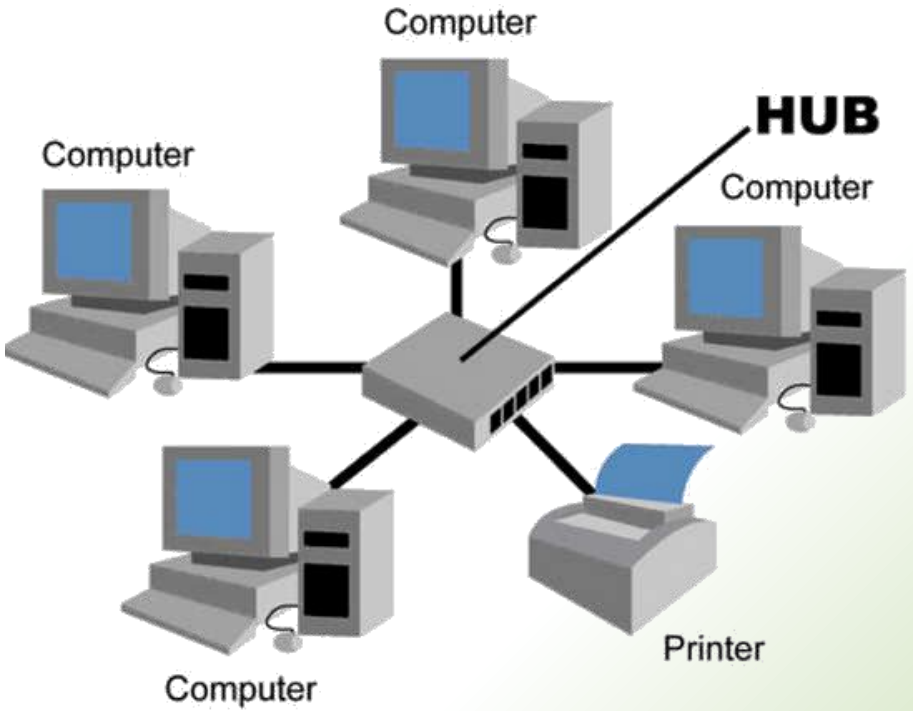
Star Topology



network devices are connected to a central computer, called a hub

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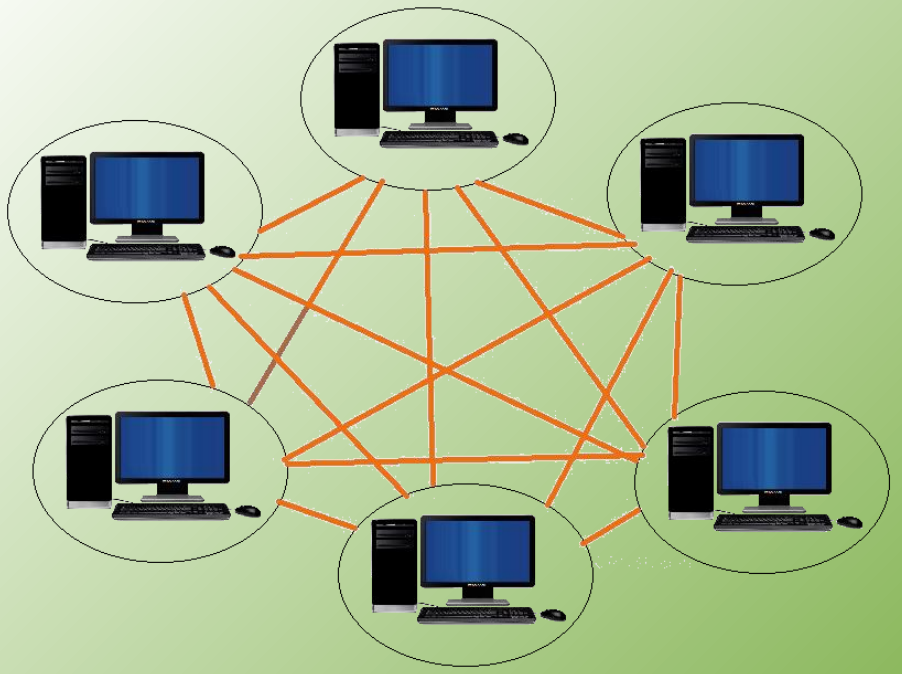
Mesh Topology

devices are connected with many redundant interconnections between network nodes



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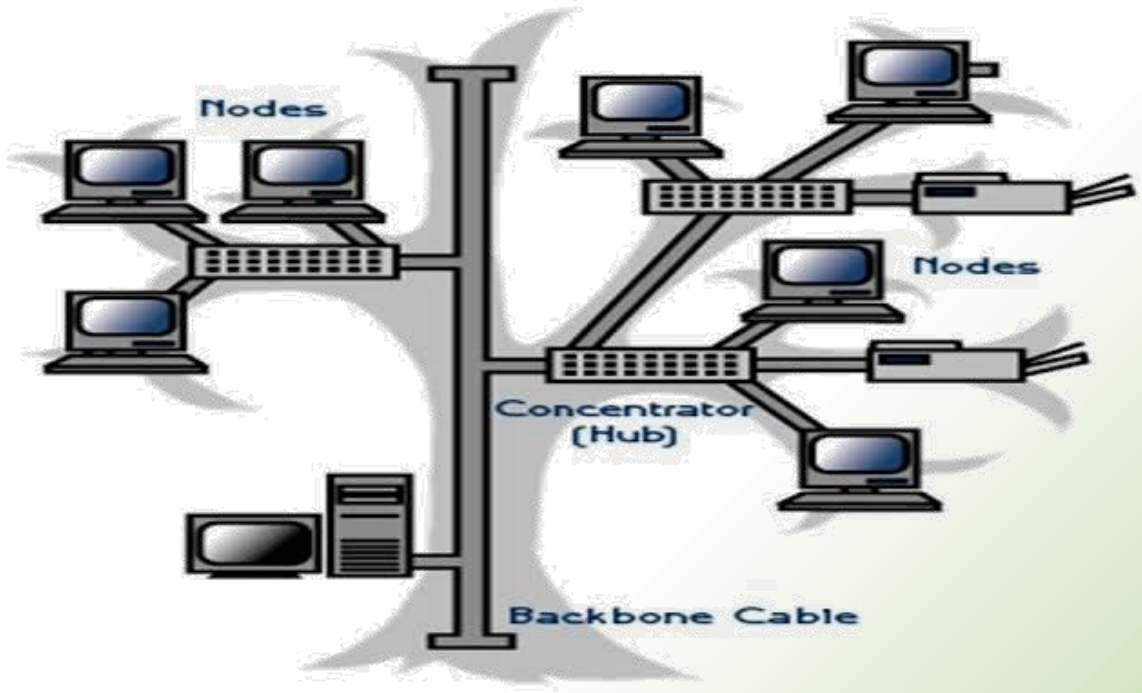
Tree Topology



This is a "hybrid" topology that combines characteristics of linear bus and star topologies

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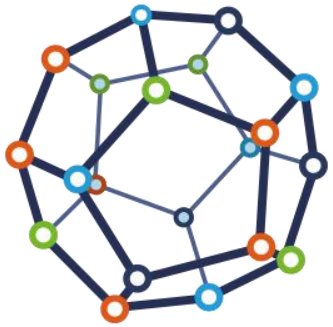

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