1. A computer network is a group of interconnected devices that share resources and exchange data.

2. Common network topologies includes bus, star, ring, mesh, and hybrid.

3. *LAN (Local Area Network): Small localized networks.

   *MAN (Metropolitan Area Network): Larger networks covering cities.

   *WAN (Wide Area Network): Large-Scale networks Spanning regions.

4. WiFi is a wireless networking technology using radio waves to connect devices.

5. IP addresses uniquely identify devices on a network, enabling communication.

6. TCP (Transmission Control Protocol): Reliable, Error-Checked Connections.

   * UDP (User Datagram Protocol): Fast, Connectionless data transfer.

7. A router connects multiple networks, directing traffic and managing data transmission.