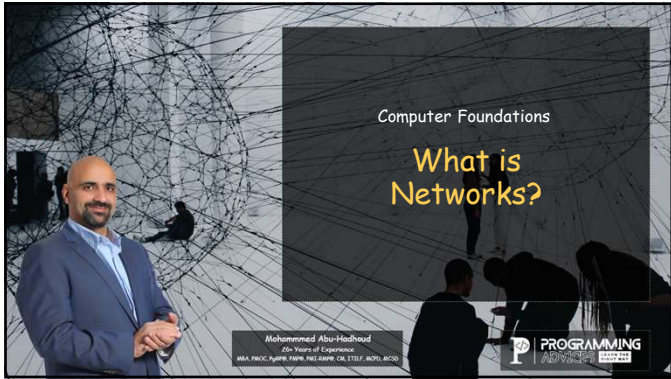




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What is Network?

Network: is a group of connected computer and devices.

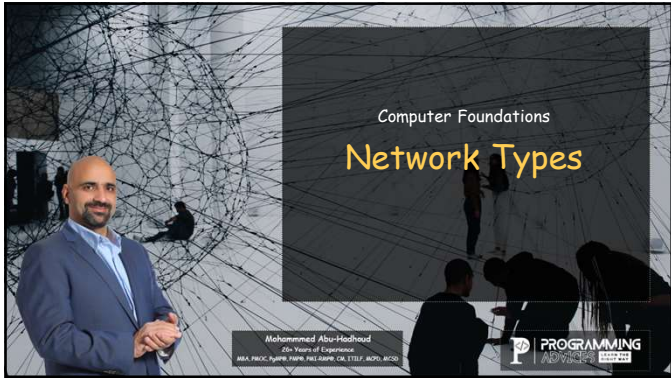
- For example, the computers, phones, and other devices that your family owns are all part of your home computer network.
- When you get a new tablet and enter in the Wi-Fi password, you're joining that tablet to your home computer network.

Why do we need Network?

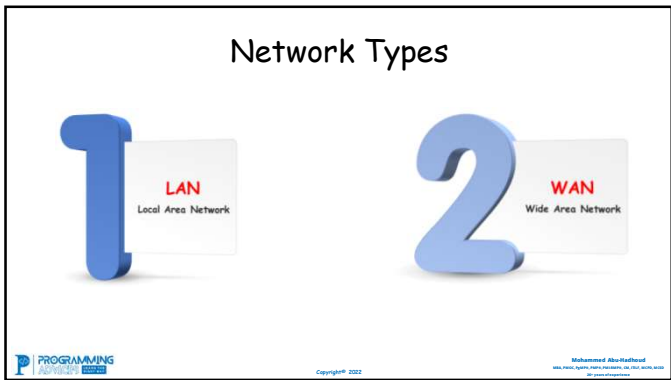
- Devices in the same network can easily communicate and share resources with each other.
- For example : you can control your TV with your mobile, or you can stream videos from your mobile to your TV.

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What is LAN?

LAN: Local Area Network that has a group of connected devices.

- LAN is a type of network made up of nearby computers.
- A LAN can have anywhere from a few devices (like a home network) to hundreds of devices (like a school or hospital)
- Large organizations like colleges can have multiple LANs - maybe one per building.

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Computer Foundations
Communicating on LAN

Mohammed Abu-Hadood
20+ Years of Experience
MBA, PMP, SAP, HRM, PMP, CAPM, CA, ITILF, ISO9001, MCS5

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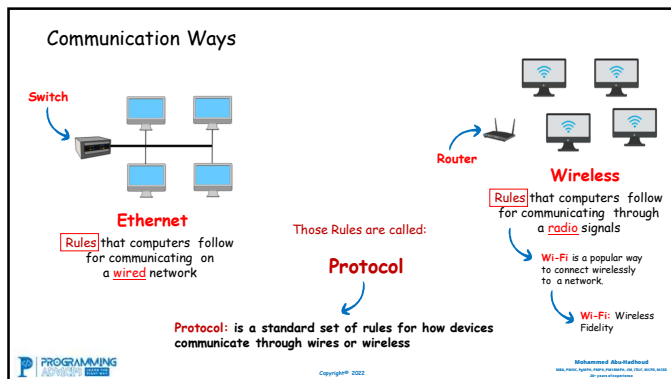
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Connection Types

- 1 Wired**
Using wires or cables
With **Ethernet**
- 2 Wireless**
Without wires using
Wi-Fi

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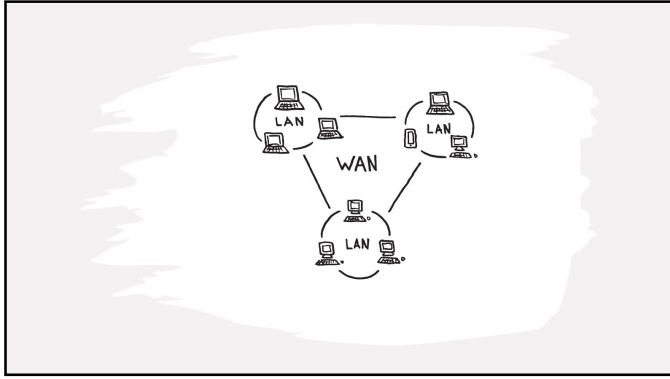
What is WAN?

WAN: Wide Area Network.

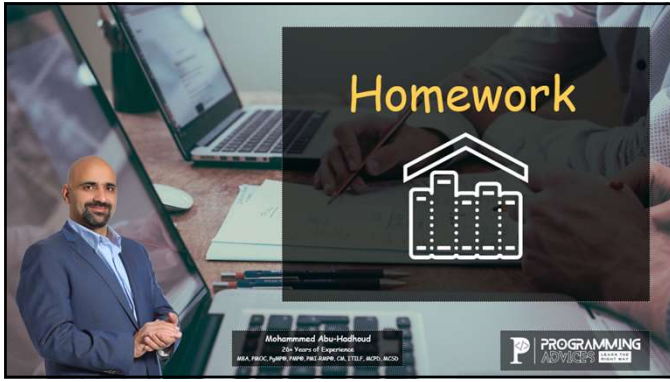
- WAN is made of connected LANs that are far from each other. (like in different parts of the country or world).
- WANs connect thousands or even millions of devices.

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Answer the following questions:

- What is network?
- Why do we need network?
- What is LAN vs WAN?
- How computers communicate together?
- What is Ethernet?
- What is Wireless?
- What is Protocol?
- What is Wi-Fi?
- Wi-Fi stands for what?

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