Networking Basics Assignment

Instructions

Answer the following questions to the best of your ability. Leave space for detailed responses where necessary.

Question 1

What is a computer network, and why is it important in today's digital world?

Answer:

A computer network is when computers are joined together. It's important because we need it to use the internet. That's pretty much it.

Question 2

Describe the differences between a Local Area Network (LAN) and a Wide Area Network (WAN). Provide examples of where each might be used.

Answer:

- **LAN** is small.
- **WAN** is big.

LAN is used in a house or office.
WAN is used in big places, like connecting countries.

Question 3

What is the role of a router in a network? How does it differ from a switch?

Answer:

A **router** sends the internet to the devices.
A **switch** is for connecting stuff in the network.

- **Routers** are for the **internet**,
- **Switches** are for **devices**.