# **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**.