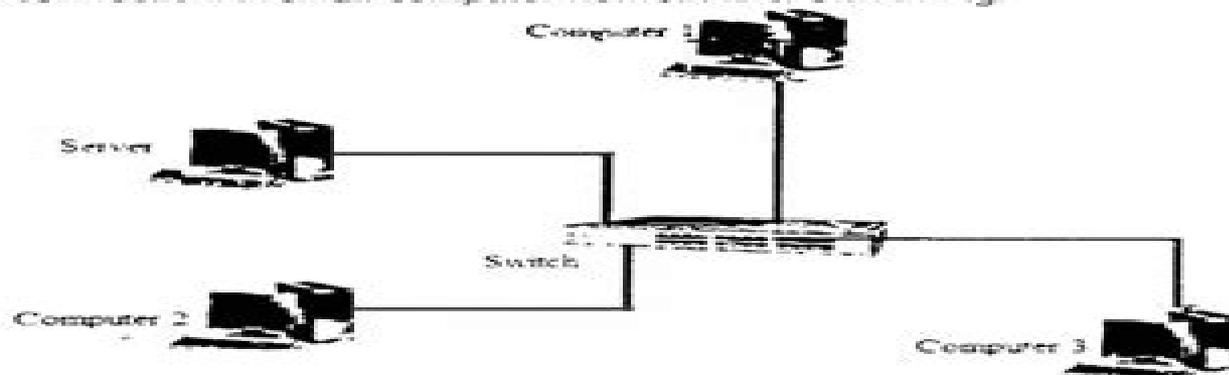# CHAPTER 5
COMPUTER NETWORKS

SHORT AND LONG QUESTIONS

Q.1 **What is meant by computer network?**

Ans: **Computer Network:**

A computer network can be defined as an interconnection of two or more computers to share data and other resources such as documents, printers and Internet connection. A small computer network is shown in Fig.

A Small Computer Network

For Your Information

Internet is a world-wide network that interconnects millions of computers and provides information and communication facilities.

Q.2 **Define data transmission.**

Ans: **Data Transmission:**

Data transmission is the process of sending data from one device to another. It consists of sender, receiver and the medium which carries the information.

Q.3 **List three modes of data transmission.**

Ans: There are three modes of data transmission which are simplex, Half-duplex and Full-duplex.

Q.4 **Write a note on simplex transmission mode.**

Ans: **Simplex Transmission Mode:**

A simplex mode provides data transmission in only one direction. One end is the sender and the other is receiver as shown in Fig.

Computer Science 9608 Notes Chapter 4 3 Further Programming

Brendan G. Carr

Computer Science 9608 Notes Chapter 4 3 Further Programming:

The book delves into Computer Science 9608 Notes Chapter 4 3 Further Programming. Computer Science 9608 Notes Chapter 4 3 Further Programming is an essential topic that must be grasped by everyone, from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Computer Science 9608 Notes Chapter 4 3 Further Programming, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:

   - Chapter 1: Introduction to Computer Science 9608 Notes Chapter 4 3 Further Programming
   - Chapter 2: Essential Elements of Computer Science 9608 Notes Chapter 4 3 Further Programming
   - Chapter 3: Computer Science 9608 Notes Chapter 4 3 Further Programming in Everyday Life
   - Chapter 4: Computer Science 9608 Notes Chapter 4 3 Further Programming in Specific Contexts
   - Chapter 5: Conclusion

2. In chapter 1, the author will provide an overview of Computer Science 9608 Notes Chapter 4 3 Further Programming. This chapter will explore what Computer Science 9608 Notes Chapter 4 3 Further Programming is, why Computer Science 9608 Notes Chapter 4 3 Further Programming is vital, and how to effectively learn about Computer Science 9608 Notes Chapter 4 3 Further Programming.

3. In chapter 2, the author will delve into the foundational concepts of Computer Science 9608 Notes Chapter 4 3 Further Programming. This chapter will elucidate the essential principles that need to be understood to grasp Computer Science 9608 Notes Chapter 4 3 Further Programming in its entirety.

4. In chapter 3, the author will examine the practical applications of Computer Science 9608 Notes Chapter 4 3 Further Programming in daily life. This chapter will showcase real-world examples of how Computer Science 9608 Notes Chapter 4 3 Further Programming can be effectively utilized in everyday scenarios.

5. In chapter 4, this book will scrutinize the relevance of Computer Science 9608 Notes Chapter 4 3 Further Programming in specific contexts. The fourth chapter will explore how Computer Science 9608 Notes Chapter 4 3 Further Programming is applied in specialized fields, such as education, business, and technology.

6. In chapter 5, this book will draw a conclusion about Computer Science 9608 Notes Chapter 4 3 Further Programming. The final chapter will summarize the key points that have been discussed throughout the book.
   The book is crafted in an easy-to-understand language and is complemented by engaging illustrations. This book is highly recommended for anyone seeking to gain a comprehensive understanding of Computer Science 9608 Notes Chapter 4 3 Further Programming.

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