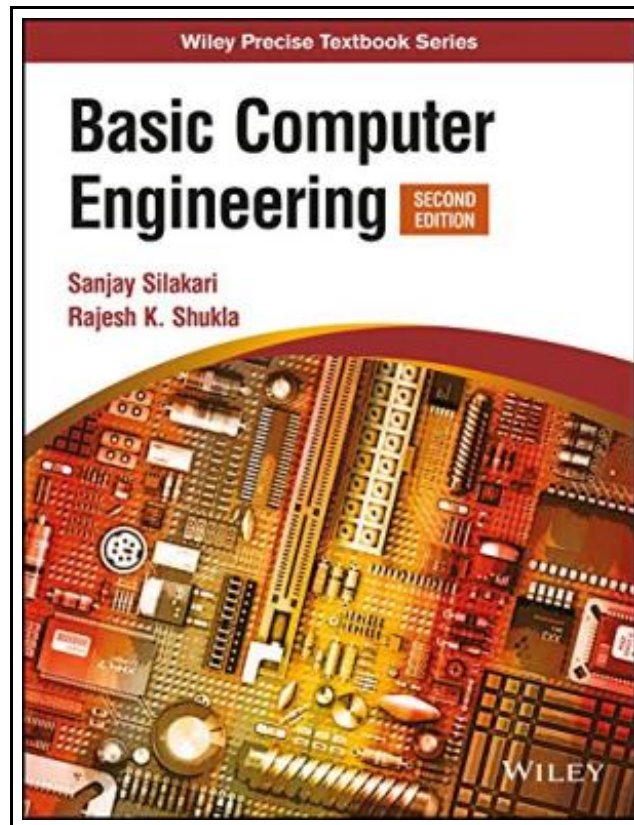


Basic Computer Engineering (Second Edition)



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Reviews

This publication will be worth purchasing. It really is written in simple terms instead of difficult to understand. It has been designed in an exceptionally simple way and is particularly only right after I finished reading this ebook in which basically modified me, altered the way I believe.
(Prof. Loyce Runolfsson Jr.)

BASIC COMPUTER ENGINEERING (SECOND EDITION)



Wiley India Pvt. Ltd, 2013. Softcover. Book Condition: New. 2nd edition. The book Basic Computer Engineering is written for all who want to know the complete information about the basics of computers. It covers the essentials of computers from computer basics such as Computer Definition, Operating System, Programming Languages, OOPS, C++ , Data Structures, Database Management System, Computer Networking to advanced topics such as Internetworking Concepts, Devices, TCP / IP Model, Internet, World Wide Web, Network Security & E-Commerce, Neural Networks and Computing Ethics.

Foreword Preface

1. Introduction to Computers

1.1 Basic Computer Operations 1.2 Classification of Computers 1.3 Components of Computer Hardware System 1.4 Bus Architecture and Instruction Set 1.5 Software 1.6 Applications of Computers 1.7 Characteristics of Computer

2. Introduction to Operating System

2.1 Definition and Roles of Operating System 2.2 Types of Operating Systems 2.3 Functions of Operating System 2.4 Process Management 2.5 Memory Management 2.6 File Management System 2.7 Device Management 2.8 Security 2.9 Deadlocks 2.10 MS DOS 2.11 UNIX Operating System 2.12 LINUX Operating System 2.13 Windows Operating System

3. Study of MS Office (MS Word, MS PowerPoint and MS Excel)

3.1 Getting Familiar with Microsoft Word 2007 3.2 Getting Familiar with Microsoft PowerPoint 2007 3.3 Getting Familiar with Microsoft Excel 2007

4. Programming Languages

4.1 Introduction to Algorithms, Complexities and Flowchart 4.2 Categories of Programming Languages 4.3 Program Design 4.4 Programming Paradigms 4.5 Characteristics or Concepts of OOP 4.6 Introduction to C++ 4.7 Statements in C++ 4.8 Function 4.9 Arrays 4.10 Arrays and Functions 4.11 Structure 4.12 Union 4.13 Pointers

5. Programming in C++

5.1 Classes and Objects 5.2 Class and Arrays 5.3 Objects and Functions 5.4 Pointers and Objects 5.5 Constructors and Destructors 5.6 Inheritance (Reusability) 5.7 Virtual Base Class 5.8 Function and Operator Overloading

6. Basics of Data Structures

6.1 Introduction to Data...



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