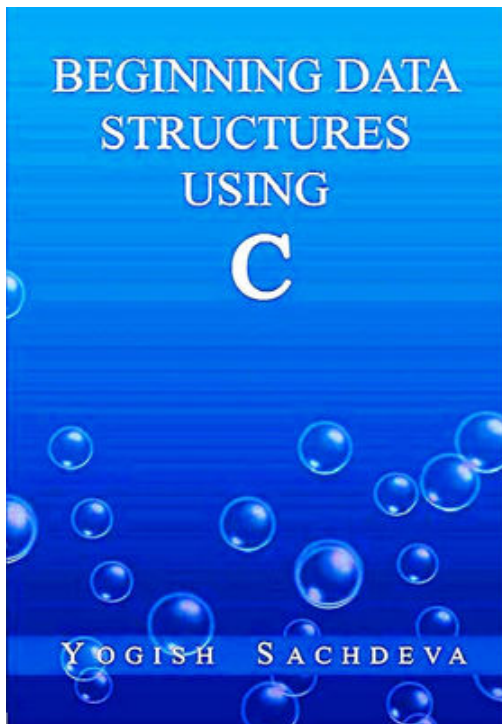


Descargar libros gratis Beginning Data Structures Using C - Yogish Sachdeva QBook



A beginner of the Data structures, who has some basic knowledge of C, could find this book interesting and simple. Every program has a proper step by step explanation of each line of code. It contains the practical implementation of stacks, queues, linked lists, trees, graphs, searching and sorting techniques. Also, recursion has been explained in an easy manner with the numerous examples. However if you find any mistake, or want to give some suggestions for the improvement of this book, then the same may be sent to the publishers, so that the mistakes may be rectified and the suggestions may be incorporated.

Topics, which are covered in this book, are:

- 1.INTRODUCTION TO DATA STRUCTURES
 - 1.1ARRAYS
 - 1.2STACKS
 - 1.3QUEUES
 - 1.4LINKED LISTS
 - 1.5TREES

- 1.6GRAPHS
- 1.7DATA STRUCTURE OPERATIONS
- 2.STACKS
 - 2.1POLISH NOTATION
 - 2.2TRANSFORMING AN INFIX EXPRESSION INTO A POSTFIX EXPRESSION
 - 2.3EVALUATION OF A POSTFIX EXPRESSION
- 3.QUEUES
 - 3.1CIRCULAR QUEUE
 - 3.2PRIORITY QUEUES
 - 3.3DEQUES
 - 3.4INPUT RESTRICTED DEQUE
 - 3.5OUTPUT RESTRICTED DEQUE
- 4.RECURSION
 - 4.1BACKTRACKING
 - 4.2FACTORIAL OF A NUMBER
 - 4.3MULTIPLYING TWO NUMBERS USING RECURSION
 - 4.4GREATEST COMMON DIVISOR
 - 4.5FIBONACCI SERIES
 - 4.6BINARY SEARCH USING RECURSION
 - 4.7TOWERS OF HANOI
 - 4.88 QUEENS PROBLEM
 - 4.9GENERATING PERMUTATIONS
 - 4.10TO FIND OUT THE DETERMINANT OF A MATRIX
 - 4.11INVERSE OF A MATRIX
 - 4.12A RECURSIVE PROBLEM
- 5.LINKED LISTS

- 5.1 LINEAR LINKED LIST
- 5.2 CIRCULAR LINKED LIST
- 5.3 DOUBLY LINKED LIST
- 6. STACKS AND QUEUES USING LINKED LISTS
 - 6.1 STACKS USING LINKED-LIST
 - 6.2 QUEUE USING LINKED-LIST
 - 6.3 PRIORITY QUEUE USING LINKED-LIST
- 7. TREES
 - 7.1 BINARY TREES
 - 7.2 COMPLETE BINARY TREES
 - 7.3 DEPTH (OR HEIGHT) OF A TREE
 - 7.4 BINARY SEARCH TREES
 - 7.5 TRAVERSING IN TREES WITHOUT USING RECURSION
 - 7.6 HEIGHT BALANCED TREES; AVL TREES
 - 7.7 THREADED BINARY TREES; INORDER THREADING
- 8. GRAPHS
 - 8.1 SIMPLE GRAPH
 - 8.2 DIGRAPH (DIRECTED GRAPH)
 - 8.3 SIMPLE DIRECTED GRAPH
 - 8.4 WEIGHTED GRAPH
 - 8.5 PATH
 - 8.6 CYCLE
 - 8.7 CONNECTED GRAPH
 - 8.8 COMPLETE GRAPH
 - 8.9 INCIDENCE AND DEGREE
 - 8.10 NULL GRAPH
 - 8.11 ADJACENCY MATRIX
 - 8.12 PATH MATRIX
 - 8.13 WARSHALL'S ALGORITHM
 - 8.14 SHORTEST PATH ALGORITHM
 - 8.15 GRAPH COLORING
 - 8.16 HAMILTONIAN CYCLES
 - 8.17 ADJACENCY LIST
 - 8.18 GRAPH TRAVERSAL
 - 8.19 MINIMUM COST SPANNING TREES
 - 8.20 TOPOLOGICAL SORT
- 9. SEARCHING
 - 9.1 SEQUENTIAL SEARCH
 - 9.2 BINARY SEARCH
- 10. SORTING
 - 10.1 BUBBLE SORT
 - 10.2 SELECTION SORT
 - 10.3 INSERTION SORT
 - 10.4 SHELL SORT
 - 10.5 MERGING OF TWO SORTED ARRAYS
 - 10.6 MERGE SORT
 - 10.7 MERGE SORT USING RECURSION
 - 10.8 QUICKSORT
 - 10.9 RADIX SORT
 - 10.10 HEAP SORT
 - 10.11 BINARY TREE SORT

10.12ADDRESS CALCULATION SORT

Title : Beginning Data Structures Using C
Author : Yogish Sachdeva
Categoría : Computadoras
Publicación : 13/09/2011
Editorial : Yogish Sachdeva
Vendedor : Smashwords, Inc.
Páginas impresas : 219 páginas
File Size : 3.21MB

[Descargar libros gratis Beginning Data Structures Using C - Yogish Sachdeva QBook](#)

Descargar libros gratis Beginning Data Structures Using C - Yogish Sachdeva QBook

[Descargar libros gratis Beginning Data Structures Using C - Yogish Sachdeva QBook](#)

BEGINNING DATA STRUCTURES USING C PDF - Are you looking for eBook Beginning Data Structures Using C PDF? You will be glad to know that right now Beginning Data Structures Using C PDF is available on our online library. With our online resources, you can find Beginning Data Structures Using C or just about any type of ebooks, for any type of product.

Best of all, they are entirely free to find, use and download, so there is no cost or stress at all. Beginning Data Structures Using C PDF may not make exciting reading, but Beginning Data Structures Using C is packed with valuable instructions, information and warnings. We also have many ebooks and user guide is also related with Beginning Data Structures Using C PDF and many other ebooks.

We have made it easy for you to find a PDF Ebooks without any digging. And by having access to our ebooks online or by storing it on your computer, you have convenient answers with Beginning Data Structures Using C PDF. To get started finding Beginning Data Structures Using C, you are right to find our website which has a comprehensive collection of manuals listed.

Our library is the biggest of these that have literally hundreds of thousands of different products represented. You will also see that there are specific sites catered to different product types or categories, brands or niches related with Applied Numerical Methods With Matlab Solution Manual 3rd Edition PDF. So depending on what exactly you are searching, you will be able to choose ebooks to suit your own needs.

Here is the access Download Page of BEGINNING DATA STRUCTURES USING C PDF, click this link to download or read online:

[Descargar libros gratis Beginning Data Structures Using C - Yogish Sachdeva QBook](#)

Los 10.000 libros más populares [GRATIS]