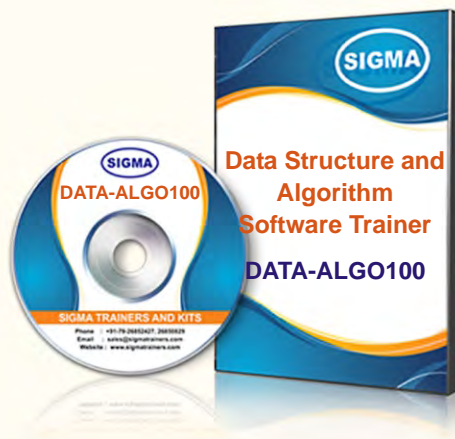




DATA STRUCTURES & ALGORITHMS SOFTWARE TRAINER

MODEL - DATA-ALGO100

This Software trainer provides Simulation of Data Structures & Algorithms in "C" Language.



SPECIFICATIONS

1. Data Structures & Algorithms Software
2. C Files : more than 10 Files
3. Books for Data Structures & Algorithms : 10 Nos in pdf Format
4. Mp4 Video Class for Data Structures & Algorithms : 40 Classes in Mp4 on DVD / Pen Drive

EXPERIMENTS

Write a program in C for following experiments

1. Searching methods-Linear & Binary
2. Sorting Methods-Bubble, Selection & Insertion.
3. Data base Management using array of structure with operations Create, display, Modify, Append, Search and sort.
4. Polynomial addition using array of structure.
5. Singly linked list with operations Create, Insert, Delete, Search.
6. Stack using arrays & Linked Lists.
7. Queue using array & Linked Lists.
8. Evaluation of postfix expression (input will be postfix expression)
9. Binary search tree: Create, search, recursive traversals.
10. Graph using adjacency Matrix with BFS & DFS traversals.

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