

Data Structure

Duration: 30 Hours

0731-4069788

DS	<p>Data Structure using C ,C++ Or Java</p> <ul style="list-style-type: none"> ❖ Overview of C language ❖ Basic concept of Array,Pointer,Structure,Memory allocation ❖ What is Algorithm, create algorithm to solve program ❖ Data Structure definition and type of Data Structure ❖ Data Structure operation using Array ❖ Data Structure operation using Linked List ❖ Circular Linked List Operation ❖ Stack in Data Structure using Array and Linked List ❖ Create Queue using Linked List and Array ❖ Circular Queue implementation using Linked List ❖ What is Tree in Data Structure ❖ Binary tree implementation using Pre-order,post-order and in-order traversal ❖ Binary Search Tree implementation using searching, inserting and deletion operation ❖ Data Structure Graph implementation ❖ BFS and DFS algorithm implementation using algorithm and program ❖ Linear and Binary Search Implementation ❖ Sorting implementation using Array ❖ Bubble sort, Selection Sort, Heap sort, merge sort, insertion sort, quick sort, cycle sort, trim sort ❖ Complexity evaluation, Time complexity and Space Complexity ❖ Interview question of Data Structure ❖ How Data Structure is useful in Project ❖ How Operating System use Data Structure ❖ How Database use Data Structure
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