Mindluster Platform

About the course Data Structure and Algorithm

A data structure is a named location that can be used to store and organize data. And, an algorithm is a collection of steps to solve a particular problem. Learning data structures and algorithms allow us to write efficient and optimized computer programs.

Programming Category's Courses

Course Lesson(20)

Lesson 1 : **Linked List Data Structure**

Lesson 2 : **Queue Array Implementation Data Structure and Algorithm**

Lesson 3 : **Linked List Part 1 Data Structure Linked List Data Stucture**

Lesson 4 : **Stack and Queue Data Structure**

Lesson 5 : **Tree Data Structure with Java Basic Concepts of Trees**

Lesson 6 : **Object Oriented Programming using Java Classes and Object**

Lesson 7 : **Data Structure Array Data Structure using Java**

Lesson 8 : **Recursion Concept of Recursion and Recursive Methods using Java**

Lesson 9 : **Data Structure and Algorithm Stack and Stack Operations**

Lesson 10 : **Data Structure and Algorithm Queue and Queue Operations**

Lesson 11 : **Tree Data Structure Binary Tree and Binary Tree Class**

Lesson 12 : **Linked List ADT Implementations of Linked List Data Structure**

Lesson 13 :
Binary Search Tree Deletion Insertion Search and Traverse operations of Binary Search Tree

Lesson 14 : **Searching Algorithms Linear and Binary Search Algorithms with their Big O**

Lesson 15 : **Data Structure and Algorithm Selection Insertion and Bubble Sorting Algorithms**

Lesson 16 : **Data Structure and Algorithm Merge and Quick Sort using Java**

Lesson 17 : **Data Structure and Algorithm Graph Theory and Operations**

Lesson 18 :
Data Structure and Algorithm Representing a graph as an Adjacency Matrix and Adjacency List

Lesson 19 :
Data Structure Introduction to Graph and Graph ADT Abstract Data Type Adjacency Matrix and List

Lesson 20 :
Data Structure and Algorithm Memory Management and Memory Hierarchies and Caching

Related courses

React Projects Workshops

Node js back end JavaScript

Python programming language

Social Network Theme UI With Sass

Full Stack React Django

Build a Node js App With Sequelize



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