Mindluster Platform

About the course Linked List in a Data Structure

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(36)

Lesson 1 : **Linked List | Data Structure**

Lesson 2 : **Linked List Introduction**

Lesson 3 : **Linked List Insertion at beginning of List**

Lesson 4 : **Linked List Print Elements of List C**

Lesson 5 : **Linked List Insertion at End**

Lesson 6 : **Linked List Insertion at k th position C**

Lesson 7 : **Reverse Linked List Iteratively**

Lesson 8 : **Reverse Linked List Recursively**

Lesson 9 : **Detect Loop in Linked List | Linked List Cycle | Floyd s algorithm | C**

Lesson 10 : **Find Length of Loop in Linked List | C**

Lesson 11 : **Find the middle of Linked List | C**

Lesson 12 : **Find k th node from end in Linked List | C**

Lesson 13 : **Find beginning of cycle in Linked List | Floyd s algorithm**

Lesson 14 : **Why Floyd s Cycle Detection Algorithm Works | Cycle detection in Linked List**

Lesson 15 : **Remove Loop from Linked List | Floyd s Algorithm**

Lesson 16 : **Check if Linked List is Palindrome | Programming Interview**

Lesson 17 : **Swap nodes in Linked List without Copy | Programming Interview | C**

Lesson 18 : **Introduction to Doubly Linked List | Data structures and Algorithms**

Lesson 19 : **LeetCode 30 day Challenge | Day 8 | Middle of the Linked List | 8 April 2020**

Lesson 20 : **Odd Even Linked List | LeetCode 328 | C Java Python | May LeetCoding Day 16**

Lesson 21 : **Delete Node in a Linked List | LeetCode 237 | C Java Python**

Lesson 22 : **Flatten a Multilevel Doubly Linked List | LeetCode 430 | C Java Python**

Lesson 23 : **Remove Linked List Elements Recursive Iterative | LeetCode 203 | C Java Python**

Lesson 24 : **Reverse Nodes in k Group | LeetCode 25 | C**

Lesson 25 : **Reorder List | LeetCode 143 | C Java Python**

Lesson 26 : **Convert Binary Number in a Linked List to Integer | LeetCode 1290 | C Java Python**

Lesson 27 : **Insertion Sort List | LeetCode 147 | C Java Python**

Lesson 28 : **Merge Two Sorted Lists | LeetCode 21 | C Java Python**

Lesson 29 : **Remove Duplicates from Sorted List II RECURSIVE | LeetCode 82 | C Java Python**

Lesson 30 : **Palindrome Linked List | LeetCode 234 | C Java Python**

Lesson 31 : **Convert Sorted List to Binary Search Tree BST | LeetCode 109 | C Java Python**

Lesson 32 : **Inserting a Node in Linked List || Explanation with Code**

Lesson 33 : **Linked List || Find kth node from end || Two Pointers**

Lesson 34 : **Find Middle of Linked List || Two Pointers**

Lesson 35 : **First Node of Loop in Linked List || Cycle detection || Floyd s Algorithm**

Lesson 36 : **Merge k Sorted Lists | LeetCode 23 | C**

Related courses

React Projects Workshops

Node js back end JavaScript

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