

LeetCode All Problems Solution Index: Linked List and Array

Overview

I have summarized the solutions to LeetCode problems by organizing them into closely related categories (Linked List and Array) and give tree index page for quick references.

LeetCode All Problems Solution Index: Linked List and Array

1. Linked List Problems: Test Your coding skills to manipulate pointer in different settings:
 - Combining with Sorting: test your pointer manipulation skills in the sort setting
 - [Merge k Sorted Lists](#)2012-02-1321.9%[Solution](#)PS: Good to compare with Merge Two Sorted List
 - [Merge Sorted Array](#)2012-05-2031.9%[Solution](#)PS1: I put it here for the purpose to compare with Merge Two Sorted List;PS2: constant space cost possible?
 - [Merge Two Sorted Lists](#)2012-03-3032.8%[Solution](#)
 - [Sort List](#)2013-11-1620.2%[Solution](#)PS: Could adopt the code from the above problem: Merge Two Sorted List
 - [Insertion Sort List](#)2013-11-1224.9%[Solution](#)
 - Pure Linked List Point Manipulation Test: Swap, Rotate, Change Position, .etc, i.e., all about indentifying a specific position in a linked list (compared with array index), unusual trick could be, faster/slower pointer and so on
 - [Reorder List](#) 2013-11-02 20.0% (Medium) [Solution](#)
 - [Reverse Nodes in k-Group](#) 2012-02-15 24.8% (Hard) [Solution](#)
 - [Swap Nodes in Pairs](#) 2012-02-14 32.2% (Medium) [Solution](#)
 - [Rotate List](#) 2012-03-27 21.8% (Medium) [Solution](#)
 - [Partition List](#) 2012-04-30 26.4% (Medium) [Solution](#)
 - [Reverse Linked List II](#) 2012-06-27 25.8% (Medium) [Solution](#)
 - [Reverse Linked List](#) 2015 newly added 31.7% (Easy) [Solution](#)
 - [Palindrome Linked List](#) 2015 newly added 23.8% Easy [Solution](#)
 - [Linked List Cycle II](#) 2013-10-30 30.6% (Medium) [Solution](#)
 - [Linked List Cycle](#) 2013-10-28 35.4% (Medium) [Solution](#) It could be reduced into reverse list problem
 - [Intersection of Two Linked Lists](#) 2014-11-27 26.8% (Easy) [Solution](#) It could be solved by reduced into cycle problem
 - [Remove Duplicates from Sorted List II](#) 2012-04-22 24.6% (Medium) [Solution](#)
 - [Remove Duplicates from Sorted List](#) 2012-04-22 34.6% (Easy) [Solution](#)
 - [Remove Nth Node From End of List](#) 2012-01-27 29.7% (Easy) [Solution](#)
 - [Remove Linked List Elements](#) 2015 newly added 25.9% (Easy) [Solution](#)
 - [Delete Node in a Linked List](#) 2015 newly added 46.0% (Easy) [Solution](#)

2. Other Linked List Related Problems, Still test your pointer manipulation and think out of box!
- [Copy List with Random Pointer](#) 2013-10-03 22.8% (Hard)[Solution](#)
 - [Convert Sorted Array to Binary Search Tree](#) 2012-10-02 32.3% (Medium)[Solution](#) I put it here because it is the basis for the next following problem
 - [Convert Sorted List to Binary Search Tree](#) 2012-10-02 27.0% (Medium) [Solution](#) refer to the previous array version
 - [Flatten Binary Tree to Linked List](#) 2012-10-14 27.6% (Medium) [Solution](#)
 - [Add Two Numbers](#) 2011-11-01 22.7% (Medium) [Solution](#)
3. Array Problems: Test Array Index Manipulation Skills, Index Calculation, Two Pointers!
- Two Pointers:
 - [Remove Duplicates from Sorted Array](#) 2012-02-16 32.0% (Easy)[Solution](#)
 - [Remove Duplicates from Sorted Array II](#) 2012-04-19 30.3% (Medium)[Solution](#)
 - [Remove Element](#) 2012-02-16 32.9% (Easy)[Solution](#)
 - Index Calculation:
 - [Set Matrix Zeroes](#) 2012-04-05 30.5% (Medium)[Solution](#)
 - [Spiral Matrix](#) 2012-03-24 20.5% (Medium)[Solution](#)
 - [Spiral Matrix II](#) 2012-03-27 30.6% (Medium)[Solution](#)
 - [Rotate Image](#) 2012-03-17 31.1% (Medium)[Solution](#)
 - [Pascal's Triangle II](#) 2012-10-28 30.2% (Easy)[Solution](#)
 - [Pascal's Triangle](#) 2012-10-28 31.7% (Easy)[Solution](#)
 - Linear time Array results calculation:
 - [Longest Consecutive Sequence](#) 2013-02-13 27.6% (Hard)[Solution](#)

Summary

I have summarized the solutions to LeetCode problems by organizing them into closely related categories (Linked List and Array) and give tree index page for quick references. I will keep updating the content as well as this index page as time goes. Please feel free to leave any comments.