April 20, 2020

Review and prepare for Bloomberg Phone Interview: Explore of Leetcode

Monday: Array and String:

* Integer to English words
* Move Zeroes
* First Unique Character in a String
* String Compression
* Subarray Sum Equals K
* Candy Crush
* —— 看面经

Tuesday: LinkedList & Heap, Queue, stack

* Add Two Numbers
* Merge Two Sorted Lists
* Reverse LinkedList II
* Copy List with Random Pointer
* Reverse Linked List
* Add Two Numbers II
* —— 看面经

Wed:

* Validate Binary Search Tree
* LRU Cache
* Moving Average from Date Stream
* —— 看面经

Thursday: Binary Search

528 [Random Pick with Weight](https://leetcode.com/problems/random-pick-with-weight)

300 [Longest Increasing Subsequence](https://leetcode.com/problems/longest-increasing-subsequence)

240 [Search a 2D Matrix II](https://leetcode.com/problems/search-a-2d-matrix-ii)

162 [Find Peak Element](https://leetcode.com/problems/find-peak-element)

* **3. Find Closest Element to Target in Sorted Array**
* **4. First/Last Position of Element**
* **5. Intersection of Two Sorted Arrays**
* **6. Intersection of Two Sorted Arrays II**
* **7. Search in Rotated Sorted Array**
* **8. Search a 2D Matrix**

Friday:

Two pointers:  
\* Three Sum

19, [Remove Nth Node From End of List](https://leetcode.com/problems/remove-nth-node-from-end-of-list)

209, [Minimum Size Subarray Sum](https://leetcode.com/problems/minimum-size-subarray-sum)

86, [Partition List](https://leetcode.com/problems/partition-list)

881, [Boats to Save People](https://leetcode.com/problems/boats-to-save-people)

Saturday:

复查， redo