**\* 表示可选做**

**Array/List**

**1 Two sum** [**https://leetcode.com/problems/two-sum/**](https://leetcode.com/problems/two-sum/)

**2 Binary Search** <https://leetcode.com/problems/binary-search/>

**3 Third Maximum Number**

[**https://leetcode.com/problems/third-maximum-number/**](https://leetcode.com/problems/third-maximum-number/)

**\*4 Combination Sum** [**https://leetcode.com/problems/combination-sum/**](https://leetcode.com/problems/combination-sum/)

**5 Longest Palindrome** [**https://leetcode.com/problems/longest-palindrome/**](https://leetcode.com/problems/longest-palindrome/)

**6 Reverse Integer** [**https://leetcode.com/problems/reverse-integer/**](https://leetcode.com/problems/reverse-integer/)

**7 Merge Sorted Array** [**https://leetcode.com/problems/merge-sorted-array/**](https://leetcode.com/problems/merge-sorted-array/)

**8 Rotate Array** [**https://leetcode.com/problems/rotate-array/**](https://leetcode.com/problems/rotate-array/)

**9 Fibonacci Number** [**https://leetcode.com/problems/fibonacci-number/**](https://leetcode.com/problems/fibonacci-number/)

**10 Squares of a Sorted Array** [**https://leetcode.com/problems/squares-of-a-sorted-array/**](https://leetcode.com/problems/squares-of-a-sorted-array/)

**String**

**1 Reverse String** <https://leetcode.com/problems/reverse-string/>

**2 First Unique Character in a String** <https://leetcode.com/problems/first-unique-character-in-a-string/>

**3 Reverse Vowels of a String** <https://leetcode.com/problems/reverse-vowels-of-a-string/>

**4 Top K Frequent Elements** [**https://leetcode.com/problems/top-k-frequent-**](https://leetcode.com/problems/top-k-frequent-) **elements/**

**Linkedlist**

**1 Find** [**Middle of the Linked List**](https://leetcode.com/problems/middle-of-the-linked-list) <https://leetcode.com/problems/middle-of-the-linked-> list/

**2 Find the loop of the Linked List https://leetcode.com/problems/linked-list-cycle/**

**\*3 Reverse Linked List** <https://leetcode.com/problems/reverse-linked-list/>

**\*Tree**

**\*1 Convert Sorted Array to Binary Search Tree**

[**https://leetcode.com/problems/convert-sorted-array-to-binary-search-tree/**](https://leetcode.com/problems/convert-sorted-array-to-binary-search-tree/)

**\*2 Balanced Binary Tree** <https://leetcode.com/problems/balanced-binary-tree/>

<https://leetcode.com/problems/search-in-a-binary-search-tree/>

**\*3 Lowest Common Ancestor of a Binary Tree** [**https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-tree/**](https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-tree/)

**\*4 Construct String from Binary Tree** <https://leetcode.com/problems/construct-string-from-binary-tree/>