arraylist
1. https://leetcode-cn.com/problems/container-with-most-water/
2. https://leetcode-cn.com/problems/move-zeroes/
3. https://leetcode-cn.com/problems/climbing-stairs/
4.https://leetcode-cn.com/problems/3sum/ (高频老题)

linked-list
1. https://leetcode-cn.com/problems/reverse-linked-list/
2. https://leetcode-cn.com/problems/swap-nodes-in-pairs
3. https://leetcode-cn.com/problems/linked-list-cycle
4. https://leetcode-cn.com/problems/linked-list-cycle-ii
5. https://leetcode-cn.com/problems/reverse-nodes-in-k-group/

1.https://leetcode-cn.com/problems/valid-parentheses/

2.https://leetcode-cn.com/problems/min-stack/

双端队列
好好看看deque
1.https://leetcode.com/problems/design-circular-deque
2.https://leetcode.com/problems/trapping-rain-water/

LRUCache-Linkedlist
https://www.jianshu.com/p/b1ab4a170c3c

https://leetcode-cn.com/problems/lru-cache

Redis-SkipList
https://redisbook.readthedocs.io/en/latest/internal-datastruct/skiplist.html

https://www.zhihu.com/question/20202931

1.https://leetcode-cn.com/problems/valid-anagram/description/
2.https://leetcode-cn.com/problems/group-anagrams/

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2.https://leetcode-cn.com/problems/binary-tree-preorder-traversal/

3.https://leetcode-cn.com/problems/n-ary-tree-postorder-traversal/

4.https://leetcode-cn.com/problems/n-ary-tree-preorder-traversal/

5.https://leetcode-cn.com/problems/n-ary-tree-level-order-traversal/

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1.https://leetcode-cn.com/problems/to-lower-case/
2.https://leetcode-cn.com/problems/length-of-last-word/

3.https://leetcode-cn.com/problems/jewels-and-stones/

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5.https://leetcode-cn.com/problems/string-to-integer-atoi/

来点简单的字符串配菜

先说字符串配菜

1.https://leetcode-cn.com/problems/longest-common-prefix/

2.https://leetcode-cn.com/problems/reverse-string
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3.https://leetcode-cn.com/problems/reverse-words-in-a-string/
https://leetcode-cn.com/problems/reverse-words-in-a-string-
iii/

4.https://leetcode-cn.com/problems/reverse-only-letters/

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2.https://leetcode-cn.com/problems/group-anagrams/

3.https://leetcode-cn.com/problems/find-all-anagrams-in-a-string/

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2. https://leetcode-cn.com/problems/validate-binary-search-tree
3. https://leetcode-cn.com/problems/maximum-depth-of-binary-tree
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深搜、广搜
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2. https://leetcode-cn.com/problems/minimum-genetic-mutation/#/description
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4. https://leetcode-cn.com/problems/find-largest-value-in-each-tree-row/#/description
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2. https://leetcode-cn.com/problems/word-ladder-ii/description/
3. https://leetcode-cn.com/problems/number-of-islands/
4. https://leetcode-cn.com/problems/minesweeper/description/

回溯
1. https://leetcode-cn.com/problems/powx-n/
2. https://leetcode-cn.com/problems/subsets/
1. https://leetcode-cn.com/problems/majority-element/description/ (简单、但是高频)
2. https://leetcode-cn.com/problems/letter-combinations-of-a-phone-number/
3. https://leetcode-cn.com/problems/n-queens/

贪心算法，和动态规划不同不回退只前进

https://leetcode-cn.com/problems/coin-change/
1. https://leetcode-cn.com/problems/lemonade-change/description/
2. https://leetcode-cn.com/problems/best-time-to-buy-and-sell-stock-ii/description/
3. https://leetcode-cn.com/problems/assign-cookies/description/
4. https://leetcode-cn.com/problems/walking-robot-simulation/description/
5. https://leetcode-cn.com/problems/jump-game/
https://leetcode-cn.com/problems/jump-game-ii/

配合比较简单的二分
1. https://leetcode-cn.com/problems/sqrtx/ https://www.beyond3d.com/content/articles/8/ (扩展阅读)
2. https://leetcode.com-cn/problems/valid-perfect-square/

1. https://leetcode-cn.com/problems/search-in-rotated-sorted-array/
2. https://leetcode-cn.com/problems/search-a-2d-matrix/
3. https://leetcode-cn.com/problems/find-minimum-in-rotated-sorted-array/

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https://leetcode-cn.com/problems/reverse-words-in-a-string-iii/
4. https://leetcode-cn.com/problems/reverse-only-letters/
5. https://leetcode-cn.com/problems/find-all-anagrams-in-a-string/
6. https://leetcode-cn.com/problems/longest-palindromic-substring/
https://leetcode-cn.com/problems/isomorphic-strings/ https://leetcode-cn.com/problems/valid-palindrome-ii/
7. https://leetcode-cn.com/problems/wildcard-matching
8. https://leetcode-cn.com/problems/longest-valid-parentheses
9. https://leetcode-cn.com/problems/distinct-subsequences/

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https://leetcode-cn.com/problems/regular-expression-matching/
重点:
https://leetcode-cn.com/problems/regular-expression-matching/solution/ji-yu-guan-fang-ti-jie-gen-xiang-xi-de-jiang-jie-b/
https://leetcode-cn.com/problems/wildcard-matching/

1. Longest common sequence(最长子序列) https://leetcode-cn.com/problems/longest-common-subsequence/

dp[i][j] = dp[i-1][j-1] + 1 (if s1[i-1] == s2[j-1]) else dp[i][j] = max(dp[i-1][j], dp[i][j-1])

2. Longest common substring (最长子串) dp[i][j] = dp[i-1][j-1] + 1 (if s1[i-1] == s2[j-1]) else dp[i][j] = 0

3. Edit distance(编辑距离) https://leetcode-cn.com/problems/edit-distance/

https://leetcode-cn.com/problems/longest-common-subsequence/
1
.
https://leetcode-cn.com/problems/climbing-stairs/description/
2.
https://leetcode-cn.com/problems/triangle/description/
(https://leetcode.com/problems/triangle/discuss/38735/
Python-easy-to-understand-solutions-(top-down-bottom-up).)
3.
https://leetcode-cn.com/problems/maximum-subarray/
https://leetcode-cn.com/problems/maximum-product
subarray/description/
4.
https://leetcode-cn.com/problems/coin-change/description/

1.https://leetcode-cn.com/problems/house-robber/
2.https://leetcode-cn.com/problems/house-robber-ii/description/
3.https://leetcode-cn.com/problems/best-time-to-buy-and-sell-stock/#/description
https://leetcode-cn.com/problems/best-time-to-buy-and-sell-stock-ii/
https://leetcode-cn.com/problems/best-time-to-buy-and-sell-stock-iii/
https://leetcode-cn.com/problems/best-time-to-buy-and-sell-stock-with-cooldown/
https://leetcode-cn.com/problems/best-time-to-buy-and-sell-stock-iv/
https://leetcode-cn.com/problems/best-time-to-buy-and-sell-stock-with-transaction
fee/
https://leetcode-cn.com/problems/best-time-to-buy-and-sell-stock/solution/yi-ge
fang-fa-tuan-mie-6-dao-gu-piao-wen-ti-by-l-3/

1.https://leetcode-cn.com/problems/perfect-squares/
2.https://leetcode-cn.com/problems/edit-distance/
 (
重点)
3.https://leetcode-cn.com/problems/jump-game/
4.https://leetcode-cn.com/problems/jump-game-ii/
5.https://leetcode-cn.com/problems/unique-paths/
6.https://leetcode-cn.com/problems/unique-paths-ii/
7.https://leetcode-cn.com/problems/unique-paths-iii/
8.https://leetcode-cn.com/problems/coin-change/
9.https://leetcode-cn.com/problems/coin-change-2/

1.https://leetcode-cn.com/problems/longest-valid-parentheses/
2.https://leetcode-cn.com/problems/minimum-path-sum/
3.https://leetcode-cn.com/problems/edit-distance/
4.https://leetcode-cn.com/problems/decode-ways
5.https://leetcode-cn.com/problems/maximal-square/
6.https://leetcode-cn.com/problems/max-sum-of-rectangle-no-larger-than-k/
7.https://leetcode-cn.com/problems/frog-jump/
8.https://leetcode-cn.com/problems/split-array-largest-sum
9.https://leetcode-cn.com/problems/student-attendance-record-ii/
10.https://leetcode-cn.com/problems/task-scheduler/
11.https://leetcode-cn.com/problems/palindromic-substrings/
12.https://leetcode-cn.com/problems/minimum-window-substring/
13.https://leetcode-cn.com/problems/burst-balloons/

1. https://leetcode-cn.com/problems/implement-trie-prefix-tree/#/description
2. https://leetcode-cn.com/problems/word-search-ii/

• https://leetcode-cn.com/problems/friend-circles
• https://leetcode-cn.com/problems/number-of-islands/
• https://leetcode-cn.com/problems/surrounded-regions/
tire树，并查集

• https://leetcode-cn.com/problems/climbing-stairs/
• https://leetcode-cn.com/problems/generate-parentheses/
1. https://leetcode-cn.com/problems/n-queens/
2. https://leetcode-cn.com/problems/valid-sudoku/description/
3. https://leetcode-cn.com/problems/sudoku-solver/#/description
1. https://leetcode-cn.com/problems/word-ladder/
2. https://leetcode-cn.com/problems/minimum-genetic-mutation/

1. https://leetcode-cn.com/problems/shortest-path-in-binary-matrix/
2. https://leetcode-cn.com/problems/sliding-puzzle/
3. https://leetcode-cn.com/problems/sudoku-solver/

搜索题

位运算
• https://leetcode-cn.com/problems/number-of-1-bits/
• https://leetcode-cn.com/problems/power-of-two/
• https://leetcode-cn.com/problems/reverse-bits/
• https://leetcode-cn.com/problems/n-queens/description/
• https://leetcode-cn.com/problems/n-queens-ii/description/

LRU
• https://leetcode-cn.com/problems/lru-cache/#/

布隆过滤器务必好好看看，经常处理大量数据使用
https://github.com/lovasoa/bloomfilter/blob/master/src/main/ java/BloomFilter.java
https://github.com/Baqend/Orestes-Bloomfilter

排序算法
· https://leetcode-cn.com/problems/relative-sort-array/
· https://leetcode-cn.com/problems/valid-anagram/
· https://leetcode-cn.com/problems/design-a-leaderboard/
· https://leetcode-cn.com/problems/merge-intervals/
· https://leetcode-cn.com/problems/reverse-pairs/

高级动态规划
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2. https://leetcode-cn.com/problems/decode-ways/
3. https://leetcode-cn.com/problems/longest-valid-parentheses/
4. https://leetcode-cn.com/problems/maximal-rectangle/
5. https://leetcode-cn.com/problems/distinct-subsequences/
6. https://leetcode-cn.com/problems/race-car/