Примеры задач для подготовки к ТО

linked lists:
  https://leetcode.com/problems/merge-k-sorted-lists/
  https://leetcode.com/problems/linked-list-cycle/
  https://leetcode.com/problems/add-two-numbers/
  https://leetcode.com/problems/reverse-linked-list/

binary search:
  https://leetcode.com/problems/binary-search/
  https://leetcode.com/problems/guess-number-higher-or-lower/
  https://leetcode.com/problems/search-a-2d-matrix/
  https://leetcode.com/problems/search-in-rotated-sorted-array/
  https://leetcode.com/problems/find-minimum-in-rotated-sorted-array/
  https://leetcode.com/problems/search-in-rotated-sorted-array-ii/

hash table:
  https://leetcode.com/problems/single-number/ - решить за O(1) по памяти
  https://leetcode.com/problems/two-sum/
  https://leetcode.com/problems/4sum/
  https://leetcode.com/problems/group-anagrams/
  https://leetcode.com/problems/valid-anagram/
  https://leetcode.com/problems/find-all-anagrams-in-a-string/

queue/stack:
  https://leetcode.com/problems/valid-parentheses/

dfs/bfs:
  https://leetcode.com/problems/number-of-islands/
  https://leetcode.com/problems/remove-invalid-parentheses/

sort:
  https://leetcode.com/problems/merge-intervals/

heap/hash:
  https://leetcode.com/problems/top-k-frequent-words/
  https://leetcode.com/problems/top-k-frequent-elements/

two pointers:

https://leetcode.com/problems/container-with-most-water/

https://leetcode.com/problems/partition-labels/

sliding window:

https://leetcode.com/problems/sliding-window-median/

https://leetcode.com/problems/sliding-window-maximum/

https://leetcode.com/problems/longest-repeating-character-replacement/

tree:

https://leetcode.com/problems/same-tree/

https://leetcode.com/problems/symmetric-tree/

https://leetcode.com/problems/balanced-binary-tree/

https://leetcode.com/problems/path-sum-ii/

greedy problems:

https://leetcode.com/problems/best-time-to-buy-and-sell-stock/

https://leetcode.com/problems/best-time-to-buy-and-sell-stock-ii/

https://leetcode.com/problems/best-time-to-buy-and-sell-stock-with-transaction-fee/

https://leetcode.com/problems/best-time-to-buy-and-sell-stock-with-cooldown/