🔖 Array

✔ 4   Median of Two Sorted Arrays (/ problems/median-of-two-sorted-arrays)   Jan 12, 2019 10:38 AM, need redo

✔ 42   Trapping Rain Water (/problems/trapping-rain-water)

Almost one pass, can skip, Jan 12, 2019 10:46 AM

✔ 169   Majority Element (/problems/majority-element)

One pass, can skip, Jan 12, 2019 10:41 AM

220. Contains Duplicate III

Given an array of integers, find out whether there are two distinct indices i and j in the array such that the **absolute** difference between **nums[i]** and **nums[j]** is at most t and the **absolute** difference between i and j is at most k.

Example 1:

```
Input: nums = [1,2,3,1], k = 3, t = 0
Output: true
```

Example 2:

```
Input: nums = [1,0,1,1], k = 1, t = 2
Output: true
```

Example 3:

```
Input: nums = [1,5,9,1,5,9], k = 2, t = 3
Output: false
```

One pass, can skip, Jan 12, 2019 10:47 AM

✔ 152   Maximum Product Subarray (/problems/maximum-product-subarray)

✔ 118   Pascal's Triangle (/problems/pascals-triangle)

Corner case, what if x = 0, one pass, can skip, Jan 12, 2019 10:51 AM

Just check the previous index of same char, can skip, do 220 instead.

219   ~~Contains Duplicate II (/problems/contains-duplicate-ii)~~

✔   41   First Missing Positive (/problems/first-missing-positive)
            Can not skip

✔   128   ~~Longest Consecutive Sequence (/problems/longest-consecutive-sequence)~~

✔   54   Spiral Matrix (/problems/spiral-matrix)

✔   31   Next Permutation (/problems/next-permutation)

448   ~~Find All Numbers Disappeared in an Array (/problems/find-all-numbers-disappeared-in-an-array)~~

✔   287   Find the Duplicate Number (/problems/find-the-duplicate-number)
             Redo Jan 12, 2019 11:20 PM

✔   229   Majority Element II (/problems/majority-element-ii)
             Need redo Jan 12, 2019 11:27 PM

✔   228   Summary Ranges (/problems/summary-ranges)

✔   442   ~~Find All Duplicates in an Array (/problems/find-all-duplicates-in-an-array)~~

189   Rotate Array (/problems/rotate-array)

✔   73   Set Matrix Zeroes (/problems/set-matrix-zeroes)

717   1-bit and 2-bit Characters (/problems/1-bit-and-2-bit-characters)

832   Flipping an Image (/problems/flipping-an-image)

123   Best Time to Buy and Sell Stock III (/problems/best-time-to-buy-and-sell-stock-iii)

✔   621   Task Scheduler (/problems/task-scheduler)

✔   35   Search Insert Position (/problems/search-insert-position)

O(logN) solution for 162

162   Find Peak Element (/problems/find-peak-element)

✔   45   Jump Game II (/problems/jump-game-ii)

✔   55   Jump Game (/problems/jump-game)   ★

280   Wiggle Sort (/problems/wiggle-sort)   🔓

119   Pascal's Triangle II (/problems/pascals-triangle-ii)

✔   75   Sort Colors (/problems/sort-colors)

✔   560   Subarray Sum Equals K (/problems/subarray-sum-equals-k)

628   Maximum Product of Three Numbers (/problems/maximum-product-of-three-numbers)

746   Min Cost Climbing Stairs (/problems/min-cost-climbing-stairs)

566   Reshape the Matrix (/problems/reshape-the-matrix)

154   Find Minimum in Rotated Sorted Array II (/problems/find-minimum-in-rotated-sorted-array-ii)

126   Word Ladder II (/problems/word-ladder-ii)

✔   216   Combination Sum III (/problems/combination-sum-iii)

380   Insert Delete GetRandom O(1) (/problems/insert-delete-getrandom-o1)

766   Toeplitz Matrix (/problems/toeplitz-matrix)

80   Remove Duplicates from Sorted Array II (/problems/remove-duplicates-from-
       sorted-array-ii)

✔   57   Insert Interval (/problems/insert-interval)

667   Beautiful Arrangement II (/problems/beautiful-arrangement-ii)

✔   81   Search in Rotated Sorted Array II (/problems/search-in-rotated-sorted-array-
       ii)

106   Construct Binary Tree from Inorder and Postorder Traversal
       (/problems/construct-binary-tree-from-inorder-and-postorder-traversal)

683   K Empty Slots (/problems/k-empty-slots)   🔓

✔   74   Search a 2D Matrix (/problems/search-a-2d-matrix)

867   Transpose Matrix (/problems/transpose-matrix)

✔   209   Minimum Size Subarray Sum (/problems/minimum-size-subarray-sum)

718   Maximum Length of Repeated Subarray (/problems/maximum-length-of-
       repeated-subarray)

✔   277   Find the Celebrity (/problems/find-the-celebrity)   🔓

485   Max Consecutive Ones (/problems/max-consecutive-ones)

665   Non-decreasing Array (/problems/non-decreasing-array)

661   Image Smoother (/problems/image-smoother)

714   Best Time to Buy and Sell Stock with Transaction Fee (/problems/best-time-
       to-buy-and-sell-stock-with-transaction-fee)

243   Shortest Word Distance (/problems/shortest-word-distance)   🔓

✔   90   Subsets II (/problems/subsets-ii)

643   Maximum Average Subarray I (/problems/maximum-average-subarray-i)

✔   63   Unique Paths II (/problems/unique-paths-ii)

✔   611   Valid Triangle Number (/problems/valid-triangle-number)

581   Shortest Unsorted Continuous Subarray (/problems/shortest-unsorted-
       continuous-subarray)

163   Missing Ranges (/problems/missing-ranges)   🔓

674   Longest Continuous Increasing Subsequence (/problems/longest-continuous-increasing-subsequence)

✔   713   Subarray Product Less Than K (/problems/subarray-product-less-than-k)

414   Third Maximum Number (/problems/third-maximum-number)

565   Array Nesting (/problems/array-nesting)

✔   689   Maximum Sum of 3 Non-Overlapping Subarrays (/problems/maximum-sum-of-3-non-overlapping-subarrays)   ★

✔   40   Combination Sum II (/problems/combination-sum-ii)

724   Find Pivot Index (/problems/find-pivot-index)

605   Can Place Flowers (/problems/can-place-flowers)

769   Max Chunks To Make Sorted (/problems/max-chunks-to-make-sorted)

835   Image Overlap (/problems/image-overlap)

670   Maximum Swap (/problems/maximum-swap)

532   K-diff Pairs in an Array (/problems/k-diff-pairs-in-an-array)

495   Teemo Attacking (/problems/teemo-attacking)

907   Sum of Subarray Minimums (/problems/sum-of-subarray-minimums)

888   Fair Candy Swap (/problems/fair-candy-swap)

259   3Sum Smaller (/problems/3sum-smaller)   🔓

922   Sort Array By Parity II (/problems/sort-array-by-parity-ii)

719   Find K-th Smallest Pair Distance (/problems/find-k-th-smallest-pair-distance)

755   Pour Water (/problems/pour-water)   🔓

723   Candy Crush (/problems/candy-crush)   🔓

381   Insert Delete GetRandom O(1) - Duplicates allowed (/problems/insert-delete-getrandom-o1-duplicates-allowed)

795   Number of Subarrays with Bounded Maximum (/problems/number-of-subarrays-with-bounded-maximum)

731   My Calendar II (/problems/my-calendar-ii)

891   Sum of Subsequence Widths (/problems/sum-of-subsequence-widths)

747   Largest Number At Least Twice of Others (/problems/largest-number-at-least-twice-of-others)

775   Global and Local Inversions (/problems/global-and-local-inversions)

950   Reveal Cards In Increasing Order (/problems/reveal-cards-in-increasing-order)

715   Range Module (/problems/range-module)

792   Number of Matching Subsequences (/problems/number-of-matching-subsequences)

✔   849   Maximize Distance to Closest Person (/problems/maximize-distance-to-closest-person)

644   Maximum Average Subarray II (/problems/maximum-average-subarray-ii) 🔓

830   Positions of Large Groups (/problems/positions-of-large-groups)

840   Magic Squares In Grid (/problems/magic-squares-in-grid)

✔   562   Longest Line of Consecutive One in Matrix (/problems/longest-line-of-consecutive-one-in-matrix) 🔓

896   Monotonic Array (/problems/monotonic-array)

729   My Calendar I (/problems/my-calendar-i)

624   Maximum Distance in Arrays (/problems/maximum-distance-in-arrays) 🔓

370   Range Addition (/problems/range-addition) 🔓

914   X of a Kind in a Deck of Cards (/problems/x-of-a-kind-in-a-deck-of-cards)

873   Length of Longest Fibonacci Subsequence (/problems/length-of-longest-fibonacci-subsequence)

245   Shortest Word Distance III (/problems/shortest-word-distance-iii) 🔓

825   Friends Of Appropriate Ages (/problems/friends-of-appropriate-ages)

918   Maximum Sum Circular Subarray (/problems/maximum-sum-circular-subarray)

768   Max Chunks To Make Sorted II (/problems/max-chunks-to-make-sorted-ii)

900   RLE Iterator (/problems/rle-iterator)

782   Transform to Chessboard (/problems/transform-to-chessboard)

926   Flip String to Monotone Increasing (/problems/flip-string-to-monotone-
       increasing)

915   Partition Array into Disjoint Intervals (/problems/partition-array-into-disjoint-
       intervals)

870   Advantage Shuffle (/problems/advantage-shuffle)

548   Split Array with Equal Sum (/problems/split-array-with-equal-sum)   🔓

945   Minimum Increment to Make Array Unique (/problems/minimum-increment-
       to-make-array-unique)

533   Lonely Pixel II (/problems/lonely-pixel-ii)   🔓

531   Lonely Pixel I (/problems/lonely-pixel-i)   🔓

941   Valid Mountain Array (/problems/valid-mountain-array)

954   Array of Doubled Pairs (/problems/array-of-doubled-pairs)

962   Maximum Width Ramp (/problems/maximum-width-ramp)