Algorithms

(/problemset/algorithms/)

Database

(/problemset/database/)

Shell

(/problemset/shell/)

New

Concurrency

(/problemset/concurrency/)

All Problems
(/problemset/all/)

≣ Top 100 Liked Questions
(/problemset/top-100-liked-questions/)

≣ Top Amazon Questions 🔓
(/problemset/top-amazon-questions/)

≣ Top Facebook Questions 🔓
(/problemset/top-facebook-questions/)

≣ Top Google Questions 🔓
(/problemset/top-google-questions/)

≣ Top Interview Questions
(/problemset/top-interview-questions/)

≣ Top LinkedIn Questions 🔓
(/problemset/top-linkedin-questions/)

♥ Contribute Question
(/contribute/)

▦ Category - All

(456/1164 Solved) - (Easy 175) (Medium 277) (Hard 4)

Search question titles, description or IDs

📄   Difficulty ▾   Status ▾   Lists ▾   Tags ▾

Binary Search ✖

#	Title	Solution	Acceptance	Difficulty	Frequency ❓

	Title	Solution	Acceptance	Difficulty	Frequency
✔	4	Median of Two Sorted Arrays (/problems/median-of-two-sorted-arrays)	📄 (/articles/median-of-two-sorted-arrays)	27.1%	Hard	
✔	33	Search in Rotated Sorted Array (/problems/search-in-rotated-sorted-array)	📄 (/articles/search-in-rotated-sorted-array)	33.1%	Medium	
	410	Split Array Largest Sum (/problems/split-array-largest-sum)	📄 (/articles/split-array-largest-sum)	42.8%	Hard	
	981	Time Based Key-Value Store (/problems/time-based-key-value-store)	📄 (/articles/time-based-key-value-store)	51.4%	Medium	
✔	528	Random Pick with Weight (/problems/random-pick-with-weight)	📄 (/articles/random-pick-with-weight)	43.0%	Medium	
✔	50	Pow(x, n) (/problems/powx-n)	📄 (/articles/powx-n)	28.4%	Medium	
✔	167	Two Sum II - Input array is sorted (/problems/two-sum-ii-input-array-is-sorted)	📄 (/articles/two-sum-ii-input-array-is-sorted)	51.1%	Easy	
✔	34	Find First and Last Position of Element in Sorted Array (/problems/find-first-and-last-position-of-element-in-sorted-array)	📄 (/articles/find-first-and-last-position-element-sorted-array)	34.0%	Medium	
✔	349	Intersection of Two Arrays (/problems/intersection-of-two-arrays)	📄 (/articles/intersection-of-two-arrays)	56.2%	Easy	
	315	Count of Smaller Numbers After Self (/problems/count-of-smaller-numbers-after-self)		38.9%	Hard	
✔	350	Intersection of Two Arrays II (/problems/intersection-of-two-arrays-ii)		48.7%	Easy	
✔	300	Longest Increasing	📄 (/articles/longest-	41.2%	Medium	

		Subsequence (/problems/longest-increasing-subsequence)	increasing-subsequence)		
✔	29	Divide Two Integers (/problems/divide-two-integers)		16.2%	Medium
✔	240	Search a 2D Matrix II (/problems/search-a-2d-matrix-ii)	📄 (/articles/search-a-2d-matrix-ii)	41.2%	Medium
✔	222	Count Complete Tree Nodes (/problems/count-complete-tree-nodes)	📄 (/articles/count-complete-tree-nodes)	35.9%	Medium
✔	69	Sqrt(x) (/problems/sqrtx)	📄 (/articles/sqrtx)	31.9%	Easy
✔	153	Find Minimum in Rotated Sorted Array (/problems/find-minimum-in-rotated-sorted-array)	📄 (/articles/find-minimum-in-rotated-sorted-array)	43.4%	Medium
✔	287	Find the Duplicate Number (/problems/find-the-duplicate-number)	📄 (/articles/find-the-duplicate-number)	50.7%	Medium
✔	162	Find Peak Element (/problems/find-peak-element)	📄 (/articles/find-peak-element)	41.7%	Medium
	887	Super Egg Drop (/problems/super-egg-drop)	📄 (/articles/super-egg-drop)	25.0%	Hard
✔	209	Minimum Size Subarray Sum (/problems/minimum-size-subarray-sum)	📄 (/articles/minimum-size-subarray-sum)	35.5%	Medium
✔	278	First Bad Version (/problems/first-bad-version)	📄 (/articles/first-bad-version)	30.9%	Easy
✔	230	Kth Smallest Element in a BST (/problems/kth-smallest-element-in-a-bst)	📄 (/articles/kth-smallest-element-in-a-bst)	52.8%	Medium
✔	658	Find K Closest Elements	📄 (/articles/find-k-	38.5%	Medium

		(/problems/find-k-closest-elements)	closest-elements)		
✔	378	Kth Smallest Element in a Sorted Matrix (/problems/kth-smallest-element-in-a-sorted-matrix)		50.4%	Medium
	363	Max Sum of Rectangle No Larger Than K (/problems/max-sum-of-rectangle-no-larger-than-k)		35.5%	Hard
	710	Random Pick with Blacklist (/problems/random-pick-with-blacklist)	📄 (/articles/random-pick-with-blacklist)	32.0%	Hard
	493	Reverse Pairs (/problems/reverse-pairs)	📄 (/articles/reverse-pairs)	23.5%	Hard
✔	81	Search in Rotated Sorted Array II (/problems/search-in-rotated-sorted-array-ii)		32.7%	Medium
	354	Russian Doll Envelopes (/problems/russian-doll-envelopes)		34.3%	Hard
	1011	Capacity To Ship Packages Within D Days (/problems/capacity-to-ship-packages-within-d-days)		53.7%	Medium
	352	Data Stream as Disjoint Intervals (/problems/data-stream-as-disjoint-intervals)		44.1%	Hard
✔	35	Search Insert Position (/problems/search-insert-position)		41.1%	Easy
	704	Binary Search (/problems/binary-search)	📄 (/articles/binary-search)	49.0%	Easy
✔	74	Search a 2D Matrix (/problems/search-a-2d-matrix)	📄 (/articles/search-in-2d-matrix)	35.1%	Medium
	862	Shortest Subarray with Sum at	📄 (/articles/shortest-	22.5%	Hard

Least K (/problems/shortest-subarray-with-sum-at-least-k)   subarray-with-sum-atleast-k)

	911	Online Election (/problems/online-election)	📄 (/articles/online-election)	47.8%	Medium
✔	718	Maximum Length of Repeated Subarray (/problems/maximum-length-of-repeated-subarray)	📄 (/articles/maximum-length-of-repeated-subarray)	46.9%	Medium
✔	270	Closest Binary Search Tree Value (/problems/closest-binary-search-tree-value) 🔓	📄 (/articles/closest-bst-value)	44.5%	Easy
✔	852	Peak Index in a Mountain Array (/problems/peak-index-in-a-mountain-array)	📄 (/articles/peak-index-in-a-mountain-array)	70.0%	Easy
	774	Minimize Max Distance to Gas Station (/problems/minimize-max-distance-to-gas-station) 🔓	📄 (/articles/minimize-max-distance-to-gas-station)	42.9%	Hard
	778	Swim in Rising Water (/problems/swim-in-rising-water)	📄 (/articles/swim-in-rising-water)	48.6%	Hard
	1044	Longest Duplicate Substring (/problems/longest-duplicate-substring)	📄 (/articles/longest-duplicate-substring)	22.5%	Hard
	174	Dungeon Game (/problems/dungeon-game)		27.7%	Hard
✔	392	Is Subsequence (/problems/is-subsequence)		47.4%	Easy
	719	Find K-th Smallest Pair Distance (/problems/find-k-th-smallest-pair-distance)	📄 (/articles/find-k-th-smallest-pair-distance)	29.6%	Hard
✔	475	Heaters (/problems/heaters)		32.1%	Easy
✔	454	4Sum II (/problems/4sum-ii)		51.2%	Medium
	702	Search in a Sorted Array of Unknown Size (/problems/search-in-a-sorted-		60.7%	Medium

(handwritten annotation: 162 · 5 near the Peak Index / Minimize Max Distance rows)

`.'`
array-of-unknown-size) 🔓

	154	Find Minimum in Rotated Sorted Array II (/problems/find-minimum-in-rotated-sorted-array-ii)		39.7%	Hard
✔	374	Guess Number Higher or Lower (/problems/guess-number-higher-or-lower)	📄 (/articles/guess-number-higher-or-lower)	40.1%	Easy
	1111	Maximum Nesting Depth of Two Valid Parentheses Strings (/problems/maximum-nesting-depth-of-two-valid-parentheses-strings)		65.5%	Medium
	668	Kth Smallest Number in Multiplication Table (/problems/kth-smallest-number-in-multiplication-table)	📄 (/articles/kth-smallest-number-in-multiplication-table)	42.6%	Hard
	497	Random Point in Non-overlapping Rectangles (/problems/random-point-in-non-overlapping-rectangles)	📄 (/articles/random-point-in-non-overlapping-rectangles)	36.1%	Medium
✔	367	Valid Perfect Square (/problems/valid-perfect-square)		40.3%	Easy
	927	Three Equal Parts (/problems/three-equal-parts)	📄 (/articles/three-equal-parts)	30.8%	Hard
	1060	Missing Element in Sorted Array (/problems/missing-element-in-sorted-array) 🔓	📄 (/articles/missing-element-in-sorted-array)	54.4%	Medium
	878	Nth Magical Number (/problems/nth-magical-number)	📄 (/articles/nth-magical-number)	25.7%	Hard
✔	744	Find Smallest Letter Greater Than Target (/problems/find-smallest-letter-greater-than-target)	📄 (/articles/find-smallest-letter-greater-than-target)	44.4%	Easy

	1064	Fixed Point (/problems/fixed-point) 🔓		76.6%	Easy
	1095	Find in Mountain Array (/problems/find-in-mountain-array)		34.1%	Hard
	875	Koko Eating Bananas (/problems/koko-eating-bananas)	📄 (/articles/koko-eating-bananas)	46.8%	Medium
✔	441	Arranging Coins (/problems/arranging-coins)		38.5%	Easy
✔	275	H-Index II (/problems/h-index-ii)	📄 (/articles/h-index-ii)	35.7%	Medium
✔	436	Find Right Interval (/problems/find-right-interval)	📄 (/articles/find-right-interval)	43.3%	Medium
	327	Count of Range Sum (/problems/count-of-range-sum)		33.3%	Hard
	1157	Online Majority Element In Subarray (/problems/online-majority-element-in-subarray)		31.3%	Hard
	1150	Check If a Number Is Majority Element in a Sorted Array (/problems/check-if-a-number-is-majority-element-in-a-sorted-array) 🔓		68.1%	Easy
	793	Preimage Size of Factorial Zeroes Function (/problems/preimage-size-of-factorial-zeroes-function)	📄 (/articles/preimage-size-of-factorial-zeroes-function)	39.2%	Hard
	786	K-th Smallest Prime Fraction (/problems/k-th-smallest-prime-fraction)	📄 (/articles/k-th-smallest-prime-fraction)	40.5%	Hard
	644	Maximum Average Subarray II (/problems/maximum-average-subarray-ii) 🔓	📄 (/articles/maximum-average-subarray-ii)	29.4%	Hard
	483	Smallest Good Base		34.3%	Hard

(/problems/smallest-good-
base)

| 302 | Smallest Rectangle Enclosing Black Pixels (/problems/smallest-rectangle-enclosing-black-pixels) 🔓 | 📄 (/articles/smallest-rectangle-enclosing-black-pixels) | 49.8% | Hard |

all ⬍ rows per page.

🔖 Topics

Array **188** (/tag/array/)   Dynamic Programming **154** (/tag/dynamic-programming/)   Math **142** (/tag/math/)

String **135** (/tag/string/)   Tree **120** (/tag/tree/)   Hash Table **112** (/tag/hash-table/)

Depth-first Search **107** (/tag/depth-first-search/)   Binary Search **73** (/tag/binary-search/)   Greedy **59** (/tag/greedy/)

Two Pointers **57** (/tag/two-pointers/)   Breadth-first Search **52** (/tag/breadth-first-search/)   Stack **51** (/tag/stack/)

Backtracking **45** (/tag/backtracking/)   Design **38** (/tag/design/)   Linked List **35** (/tag/linked-list/)   Sort **35** (/tag/sort/)

Bit Manipulation **34** (/tag/bit-manipulation/)   Graph **34** (/tag/graph/)   Heap **34** (/tag/heap/)

Show More ⌄

🏢 Companies

Google **755** (/company/google/)   Amazon **590** (/company/amazon/)   Facebook **463** (/company/facebook/)

Microsoft **405** (/company/microsoft/)   Uber **280** (/company/uber/)   Bloomberg **278** (/company/bloomberg/)

Apple **255** (/company/apple/)   Adobe **233** (/company/adobe/)   LinkedIn **153** (/company/linkedin/)

Yahoo **147** (/company/yahoo/)   Alibaba **109** (/company/alibaba/)   Oracle **93** (/company/oracle/)

Snapchat **92** (/company/snapchat/)   Twitter **86** (/company/twitter/)   Airbnb **84** (/company/airbnb/)

eBay **84** (/company/ebay/)   Goldman Sachs **84** (/company/goldman-sachs/)   VMware **77** (/company/vmware/)

Walmart Labs **76** (/company/walmart-labs/)   Baidu **75** (/company/baidu/)   Yelp **68** (/company/yelp/)

Tencent **65** (/company/tencent/)   Salesforce **64** (/company/salesforce/)   Expedia **58** (/company/expedia/)

Lyft **56** (/company/lyft/)   Cisco **52** (/company/cisco/)   ByteDance **48** (/company/bytedance/)

Paypal **47** (/company/paypal/)   Zillow **45** (/company/zillow/)   Pinterest **42** (/company/pinterest/)

Zenefits **41** (/company/zenefits/)   SAP **37** (/company/sap/)   Mathworks **36** (/company/mathworks/)

Visa **36** (/company/visa/)   Intuit **34** (/company/intuit/)   Nutanix **31** (/company/nutanix/)   Yandex **31** (/company/yandex/)

Indeed **30** (/company/indeed/)   Pocket Gems **30** (/company/pocket-gems/)   Hulu **27** (/company/hulu/)

Qualtrics **26** (/company/qualtrics/)   Two Sigma **25** (/company/two-sigma/)   Nvidia **23** (/company/nvidia/)

Palantir Technologies **23** (/company/palantir-technologies/)   Square **23** (/company/square/)

Atlassian **22** (/company/atlassian/)   Samsung **21** (/company/samsung/)   Wish **21** (/company/wish/)

Dropbox **20** (/company/dropbox/)   Coursera **19** (/company/coursera/)   JPMorgan **19** (/company/jpmorgan/)

NetEase **19** (/company/netease/)   Houzz **18** (/company/houzz/)   Aetion **17** (/company/aetion/)

Quora **17** (/company/quora/)   Citadel **16** (/company/citadel/)   Cruise Automation **16** (/company/cruise-automation/)

GoDaddy **16** (/company/godaddy/)   Grab **16** (/company/grab/)   IXL **16** (/company/ixl/)   Rubrik **16** (/company/rubrik/)

ServiceNow **16** (/company/servicenow/)

Show More ⌄