🔖 Binary Search

You have solved **8 / 84** problems.

☑️ **Show problem tags**

#	Title	Tags	Acceptance
✔ 4	Median of Two Sorted Arrays …	Array (/tag/array) Binary Search (/tag/binary-search) Divide and Conquer (/tag/divide-and-conquer) Google (/company/google) Microsoft (/company/microsoft) Apple (/company/apple) Zenefits (/company/zenefits) Yahoo (/company/yahoo) Adobe (/company/adobe) Dropbox (/company/dropbox)	29.1%
50	Pow(x, n) (/problems/powx-n)	Math (/tag/math) Binary Search (/tag/binary-search) Google (/company/google) Facebook (/company/facebook) Bloomberg (/company/bloomberg) LinkedIn (/company/linkedin)	29.5%
✔ 33	Search in Rotated Sorted Arr…	Array (/tag/array) Binary Search (/tag/binary-search) Facebook (/company/facebook) Microsoft (/company/microsoft) Bloomberg (/company/bloomberg) Uber (/company/uber) LinkedIn (/company/linkedin)	34.3%
167	Two Sum II - Input array is so…	Array (/tag/array) Two Pointers (/tag/two-pointers) Binary Search (/tag/binary-search) Amazon (/company/amazon)	53.5%
315	Count of Smaller Numbers Af…	Binary Search (/tag/binary-search) Divide and Conquer (/tag/divide-and-conquer)	41.1%

#	Title	Tags	Acceptance
		Sort (/tag/sort)	
		Binary Indexed Tree (/tag/binary-indexed-tree)	
		Segment Tree (/tag/segment-tree)	
		Google (/company/google)	
287	Find the Duplicate Number (/…	Array (/tag/array) Two Pointers (/tag/two-pointers) Binary Search (/tag/binary-search) Bloomberg (/company/bloomberg)	53.9%
349	Intersection of Two Arrays (/p…	Hash Table (/tag/hash-table) Two Pointers (/tag/two-pointers) Binary Search (/tag/binary-search) Sort (/tag/sort) Two Sigma (/company/two-sigma)	61.5%
29	Divide Two Integers (/proble…	Math (/tag/math) Binary Search (/tag/binary-search)	16.3%
153	Find Minimum in Rotated Sor…	Array (/tag/array) Binary Search (/tag/binary-search) Microsoft (/company/microsoft)	44.7%
✔ 240	Search a 2D Matrix II (/proble…	Binary Search (/tag/binary-search) Divide and Conquer (/tag/divide-and-conquer) Google (/company/google) Amazon (/company/amazon) Apple (/company/apple)	42.9%
327	Count of Range Sum (/proble…	Binary Search (/tag/binary-search) Divide and Conquer (/tag/divide-and-conquer) Sort (/tag/sort) Binary Indexed Tree (/tag/binary-indexed-tree) Segment Tree (/tag/segment-tree) Google (/company/google)	34.8%
222	Count Complete Tree Nodes (…	Binary Search (/tag/binary-search) Tree (/tag/tree)	43.0%
378	Kth Smallest Element in a Sor…	Binary Search (/tag/binary-search) Heap (/tag/heap) Google (/company/google) Twitter (/company/twitter)	53.6%
69	Sqrt(x) (/problems/sqrtx)	Math (/tag/math) Binary Search (/tag/binary-search)	33.6%

#	Title	Tags	Acceptance
		Facebook (/company/facebook)	
		Bloomberg (/company/bloomberg)	
		Apple (/company/apple)	
410	Split Array Largest Sum (/pro…	Binary Search (/tag/binary-search)	44.2%
		Dynamic Programming (/tag/dynamic-programming)	
		Facebook (/company/facebook)	
		Baidu (/company/baidu)	
162	Find Peak Element (/problem…	Array (/tag/array)	43.0%
		Binary Search (/tag/binary-search)	
		Google (/company/google)	
		Microsoft (/company/microsoft)	
1111	Maximum Nesting Depth of T…	Binary Search (/tag/binary-search)	69.9%
		Greedy (/tag/greedy)	
		Bloomreach (/company/bloomreach)	
300	Longest Increasing Subseque…	Binary Search (/tag/binary-search)	42.3%
		Dynamic Programming (/tag/dynamic-programming)	
		Microsoft (/company/microsoft)	
363	Max Sum of Rectangle No La…	Binary Search (/tag/binary-search)	37.0%
		Dynamic Programming (/tag/dynamic-programming)	
		Queue (/tag/queue) Google (/company/google)	
✔ 34	Find First and Last Position o…	Array (/tag/array)	35.8%
		Binary Search (/tag/binary-search)	
		LinkedIn (/company/linkedin)	
35	Search Insert Position (/probl…	Array (/tag/array)	42.5%
		Binary Search (/tag/binary-search)	
350	Intersection of Two Arrays II (/…	Hash Table (/tag/hash-table)	51.0%
		Two Pointers (/tag/two-pointers)	
		Binary Search (/tag/binary-search) Sort (/tag/sort)	
209	Minimum Size Subarray Sum …	Array (/tag/array) Two Pointers (/tag/two-pointers)	37.6%
		Binary Search (/tag/binary-search)	

#	Title	Tags	Acceptance
981	Time Based Key-Value Store …	Hash Table (/tag/hash-table) Binary Search (/tag/binary-search) Flexport (/company/flexport) Databricks (/company/databricks)	52.7%
354	Russian Doll Envelopes (/pro…	Binary Search (/tag/binary-search) Dynamic Programming (/tag/dynamic-programming) Google (/company/google)	35.3%
278	First Bad Version (/problems/…	Binary Search (/tag/binary-search) Facebook (/company/facebook)	35.1%
174	Dungeon Game (/problems/d…	Binary Search (/tag/binary-search) Dynamic Programming (/tag/dynamic-programming) Microsoft (/company/microsoft)	29.7%
374	Guess Number Higher or Lo…	Binary Search (/tag/binary-search) Google (/company/google)	42.5%
718	Maximum Length of Repeate…	Array (/tag/array) Hash Table (/tag/hash-table) Binary Search (/tag/binary-search) Dynamic Programming (/tag/dynamic-programming) Citadel (/company/citadel)	49.0%
852	Peak Index in a Mountain Arr…	Binary Search (/tag/binary-search) Google (/company/google)	71.4%
454	4Sum II (/problems/4sum-ii)	Hash Table (/tag/hash-table) Binary Search (/tag/binary-search)	52.8%
230	Kth Smallest Element in a BS…	Binary Search (/tag/binary-search) Tree (/tag/tree) Google (/company/google) Bloomberg (/company/bloomberg) Uber (/company/uber)	59.3%
352	Data Stream as Disjoint Interv…	Binary Search (/tag/binary-search) Ordered Map (/tag/ordered-map)	46.5%
✔ 154	Find Minimum in Rotated Sor…	Array (/tag/array) Binary Search (/tag/binary-search)	40.5%

#	Title	Tags	Acceptance
887	Super Egg Drop (/problems/s…	Math (/tag/math)	26.9%
		Binary Search (/tag/binary-search)	
		Dynamic Programming (/tag/dynamic-programming)	
		Google (/company/google)	
475	Heaters (/problems/heaters)	Binary Search (/tag/binary-search)	32.9%
		Google (/company/google)	
81	Search in Rotated Sorted Arr…	Array (/tag/array)	33.0%
		Binary Search (/tag/binary-search)	
✔ 74	Search a 2D Matrix (/problem…	Array (/tag/array)	36.3%
		Binary Search (/tag/binary-search)	
1011	Capacity To Ship Packages …	Array (/tag/array)	57.5%
		Binary Search (/tag/binary-search)	
		Google (/company/google)	
528	Random Pick with Weight (/pr…	Binary Search (/tag/binary-search)	43.8%
		Random (/tag/random)	
		Google (/company/google) Uber (/company/uber)	
		LinkedIn (/company/linkedin)	
		Two Sigma (/company/two-sigma)	
		Rubrik (/company/rubrik)	
493	Reverse Pairs (/problems/rev…	Binary Search (/tag/binary-search)	24.7%
		Divide and Conquer (/tag/divide-and-conquer)	
		Sort (/tag/sort)	
		Binary Indexed Tree (/tag/binary-indexed-tree)	
		Segment Tree (/tag/segment-tree)	
		Google (/company/google)	
1044	Longest Duplicate Substring (…	Hash Table (/tag/hash-table)	25.9%
		Binary Search (/tag/binary-search)	
		Amazon (/company/amazon)	
862	Shortest Subarray with Sum …	Binary Search (/tag/binary-search)	24.1%
		Queue (/tag/queue)	

#	Title	Tags	Acceptance
719	Find K-th Smallest Pair Dista…	Array (/tag/array) Binary Search (/tag/binary-search) Heap (/tag/heap) Google (/company/google)	31.2%
875	Koko Eating Bananas (/probl…	Binary Search (/tag/binary-search)	51.1%
786	K-th Smallest Prime Fraction …	Binary Search (/tag/binary-search) Heap (/tag/heap) Pony.ai (/company/ponyai)	41.4%
✔ 392	Is Subsequence (/problems/i…	Binary Search (/tag/binary-search) Dynamic Programming (/tag/dynamic-programming) Greedy (/tag/greedy) Pinterest (/company/pinterest)	49.1%
658	Find K Closest Elements (/pr…	Binary Search (/tag/binary-search) Google (/company/google)	40.4%
1235	Maximum Profit in Job Sched…	Binary Search (/tag/binary-search) Dynamic Programming (/tag/dynamic-programming) Sort (/tag/sort) Pony.ai (/company/ponyai)	44.0%
270	Closest Binary Search Tree V… 🔓	Binary Search (/tag/binary-search) Tree (/tag/tree) Google (/company/google) Microsoft (/company/microsoft) Snapchat (/company/snapchat)	47.4%
778	Swim in Rising Water (/proble…	Binary Search (/tag/binary-search) Heap (/tag/heap) Depth-first Search (/tag/depth-first-search) Union Find (/tag/union-find) Google (/company/google)	52.3%
441	Arranging Coins (/problems/a…	Math (/tag/math) Binary Search (/tag/binary-search) GoDaddy (/company/godaddy)	39.8%
911	Online Election (/problems/on…	Binary Search (/tag/binary-search) Google (/company/google)	50.0%
1237	Find Positive Integer Solution…	Math (/tag/math) Binary Search (/tag/binary-search)	69.1%

Goldman Sachs (/company/goldman-sachs)

#	Title	Google (/company/google) Tags	Acceptance
275	H-Index II (/problems/h-index-ii)	Binary Search (/tag/binary-search) Facebook (/company/facebook)	36.2%
367	Valid Perfect Square (/proble…	Math (/tag/math) Binary Search (/tag/binary-search) LinkedIn (/company/linkedin)	41.5%
1157	Online Majority Element In Su…	Array (/tag/array) Binary Search (/tag/binary-search) Segment Tree (/tag/segment-tree) Nutanix (/company/nutanix)	38.9%
1201	Ugly Number III (/problems/u…	Math (/tag/math) Binary Search (/tag/binary-search) American Express (/company/american-express)	25.5%
644	Maximum Average Subarray I… 🔓	Array (/tag/array) Binary Search (/tag/binary-search) Google (/company/google)	31.6%
483	Smallest Good Base (/proble…	Math (/tag/math) Binary Search (/tag/binary-search) Google (/company/google)	35.5%
436	Find Right Interval (/problems…	Binary Search (/tag/binary-search)	44.9%
1292	Maximum Side Length of a S…	Array (/tag/array) Binary Search (/tag/binary-search) Google (/company/google)	48.5%
1231	Divide Chocolate (/problems/… 🔓	Binary Search (/tag/binary-search) Greedy (/tag/greedy) Google (/company/google)	51.6%
668	Kth Smallest Number in Multi…	Binary Search (/tag/binary-search) Google (/company/google)	45.3%
710	Random Pick with Blacklist (/…	Hash Table (/tag/hash-table) Binary Search (/tag/binary-search) Sort (/tag/sort)	32.4%

#	Title	Tags	Acceptance
		Random (/tag/random)	
		Google (/company/google) Uber (/company/uber)	
497	Random Point in Non-overlap…	Binary Search (/tag/binary-search)	37.5%
		Random (/tag/random)	
		Google (/company/google)	
878	Nth Magical Number (/proble…	Math (/tag/math)	28.0%
		Binary Search (/tag/binary-search)	
1060	Missing Element in Sorted Arr… 🔓	Binary Search (/tag/binary-search)	54.5%
		Amazon (/company/amazon)	
927	Three Equal Parts (/problems…	Math (/tag/math)	33.2%
		Binary Search (/tag/binary-search)	
		Greedy (/tag/greedy) Hotstar (/company/hotstar)	
774	Minimize Max Distance to Ga… 🔓	Binary Search (/tag/binary-search)	46.5%
		Google (/company/google)	
302	Smallest Rectangle Enclosing… 🔓	Binary Search (/tag/binary-search)	51.3%
		Google (/company/google)	
702	Search in a Sorted Array of U… 🔓	Binary Search (/tag/binary-search)	65.6%
		Google (/company/google)	
1095	Find in Mountain Array (/probl…	Binary Search (/tag/binary-search)	35.9%
		Google (/company/google)	
793	Preimage Size of Factorial Ze…	Binary Search (/tag/binary-search)	40.1%
		Adobe (/company/adobe)	
1283	Find the Smallest Divisor Giv…	Binary Search (/tag/binary-search)	45.1%
		Expedia (/company/expedia)	
✔ 704	Binary Search (/problems/bin…	Binary Search (/tag/binary-search)	51.5%
1300	Sum of Mutated Array Closes…	Array (/tag/array)	45.6%
		Binary Search (/tag/binary-search)	
		Google (/company/google)	
744	Find Smallest Letter Greater …	Binary Search (/tag/binary-search)	45.2%
		LinkedIn (/company/linkedin)	

#	Title	Tags	Acceptance
1351	Count Negative Numbers in a…	Array (/tag/array) Binary Search (/tag/binary-search) Amazon (/company/amazon)	76.9%
1064	Fixed Point (/problems/fixed-… 🔓	Array (/tag/array) Binary Search (/tag/binary-search) Uber (/company/uber)	67.1%
1337	The K Weakest Rows in a Ma…	Array (/tag/array) Binary Search (/tag/binary-search) Amazon (/company/amazon)	68.3%
1198	Find Smallest Common Elem… 🔓	Hash Table (/tag/hash-table) Binary Search (/tag/binary-search) Microsoft (/company/microsoft)	74.9%
1182	Shortest Distance to Target C… 🔓	Binary Search (/tag/binary-search) Google (/company/google)	53.2%
1150	Check If a Number Is Majority… 🔓	Array (/tag/array) Binary Search (/tag/binary-search) Salesforce (/company/salesforce)	60.1%