🔖 Binary Search

You have solved **4 / 96** problems.

☑ Show problem tags

#	Title	Tags	Acceptance	Difficulty	Frequency ❓
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)	30.5%	Hard	
981	Time Based Key-Value Store ...	Hash Table (/tag/hash-table) Binary Search (/tag/binary-search) Flexport (/company/flexport) Databricks (/company/databricks)	53.8%	Medium	
1235	Maximum Profit in Job Sched...	Binary Search (/tag/binary-search) Dynamic Programming (/tag/dynamic-programming) Sort (/tag/sort) Pony.ai (/company/ponyai)	46.2%	Hard	
33	Search in Rotated Sorted Arr...	Array (/tag/array) Binary Search (/tag/binary-search) Facebook (/company/facebook) Microsoft (/company/microsoft)	35.4%	Medium	

#	Title	Tags	Acceptance	Difficulty	Frequency ❓
528	Random Pick with Weight (/p...	Binary Search (/tag/binary-search) Random (/tag/random) Google (/company/google) Uber (/company/uber) LinkedIn (/company/linkedin) Two Sigma (/company/two-sigma) Rubrik (/company/rubrik)	44.4%	Medium	
1283	Find the Smallest Divisor Giv...	Binary Search (/tag/binary-search) Expedia (/company/expedia)	48.8%	Medium	
300	Longest Increasing Subsequ...	Binary Search (/tag/binary-search) Dynamic Programming (/tag/dynamic-programming) Microsoft (/company/microsoft)	43.2%	Medium	
287	Find the Duplicate Number (/...	Array (/tag/array) Two Pointers (/tag/two-pointers) Binary Search (/tag/binary-search) Bloomberg (/company/bloomberg)	56.8%	Medium	
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)	43.8%	Medium	
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)	30.7%	Medium	
209	Minimum Size Subarray Sum ...	Array (/tag/array) Two Pointers (/tag/two-pointers) Binary Search (/tag/binary-search) Facebook (/company/facebook)	39.0%	Medium	

#	Title	Tags	Acceptance	Difficulty	Frequency ❓
363	Max Sum of Rectangle No La...	Binary Search (/tag/binary-search) Dynamic Programming (/tag/dynamic-programming) Queue (/tag/queue) Google (/company/google)	38.2%	Hard	
34	Find First and Last Position o...	Array (/tag/array) Binary Search (/tag/binary-search) LinkedIn (/company/linkedin)	36.9%	Medium	
493	Reverse Pairs (/problems/rev...	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)	26.3%	Hard	
315	Count of Smaller Numbers Af...	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)	42.4%	Hard	
✔ 162	Find Peak Element (/problem...	Array (/tag/array) Binary Search (/tag/binary-search) Google (/company/google) Microsoft (/company/microsoft)	43.7%	Medium	
378	Kth Smallest Element in a So...	Binary Search (/tag/binary-search) Heap (/tag/heap) Google (/company/google) Twitter (/company/twitter)	55.6%	Medium	
29	Divide Two Integers (/proble...	Math (/tag/math) Binary Search (/tag/binary-search)	16.6%	Medium	
354	Russian Doll Envelopes (/pro...	Binary Search (/tag/binary-search) Dynamic Programming (/tag/dynamic-programming)	35.9%	Hard	

#	Title	Tags	Acceptance	Difficulty	Frequency ❓
74	Search a 2D Matrix (/proble...	Array (/tag/array) Binary Search (/tag/binary-search)	37.1%	Medium	
153	Find Minimum in Rotated Sor...	Array (/tag/array) Binary Search (/tag/binary-search) Microsoft (/company/microsoft)	45.7%	Medium	
278	First Bad Version (/problems/...	Binary Search (/tag/binary-search) Facebook (/company/facebook)	36.9%	Easy	
862	Shortest Subarray with Sum ...	Binary Search (/tag/binary-search) Queue (/tag/queue) Goldman Sachs (/company/goldman-sachs)	25.0%	Hard	
540	Single Element in a Sorted Ar...	Binary Search (/tag/binary-search)	57.9%	Medium	
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)	49.9%	Medium	
1011	Capacity To Ship Packages ...	Array (/tag/array) Binary Search (/tag/binary-search) Google (/company/google)	59.4%	Medium	
410	Split Array Largest Sum (/pro...	Binary Search (/tag/binary-search) Dynamic Programming (/tag/dynamic-programming) Facebook (/company/facebook) Baidu (/company/baidu)	45.8%	Hard	
✔ 1060	Missing Element in Sorted Ar... 🔓	Binary Search (/tag/binary-search) Amazon (/company/amazon)	54.6%	Medium	

Google (/company/google)

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167	Two Sum II - Input array is so...	Array (/tag/array) Two Pointers (/tag/two-pointers) Binary Search (/tag/binary-search) Amazon (/company/amazon)	55.2%	Easy	
174	Dungeon Game (/problems/d...	Binary Search (/tag/binary-search) Dynamic Programming (/tag/dynamic-programming) Microsoft (/company/microsoft)	33.0%	Hard	
69	Sqrt(x) (/problems/sqrtx)	Math (/tag/math) Binary Search (/tag/binary-search) Facebook (/company/facebook) Bloomberg (/company/bloomberg) Apple (/company/apple)	34.6%	Easy	
1044	Longest Duplicate Substring ...	Hash Table (/tag/hash-table) Binary Search (/tag/binary-search) Suffix Array (/tag/suffix-array) Amazon (/company/amazon)	31.8%	Hard	
658	Find K Closest Elements (/pr...	Binary Search (/tag/binary-search) Google (/company/google)	41.6%	Medium	
349	Intersection of Two Arrays (/...	Hash Table (/tag/hash-table) Two Pointers (/tag/two-pointers) Binary Search (/tag/binary-search) Sort (/tag/sort) Two Sigma (/company/two-sigma)	64.0%	Easy	
887	Super Egg Drop (/problems/s...	Math (/tag/math) Binary Search (/tag/binary-search) Dynamic Programming (/tag/dynamic-programming) Google (/company/google)	27.0%	Hard	
1482	Minimum Number of Days to ...	Array (/tag/array) Binary Search (/tag/binary-search) Google (/company/google)	49.2%	Medium	
454	4Sum II (/problems/4sum-ii)	Hash Table (/tag/hash-table) Binary Search (/tag/binary-search)	53.8%	Medium	
1095	Find in Mountain Array (/prob...	Binary Search (/tag/binary-search) Google (/company/google)	35.8%	Hard	

#	Title	Tags	Acceptance	Difficulty	Frequency ❓
	Find in Mountain Array (/probl...	Binary Search (/tag/binary-search) Google (/company/google)	50.5%	Hard	
✔ 350	Intersection of Two Arrays II (...	Hash Table (/tag/hash-table) Two Pointers (/tag/two-pointers) Binary Search (/tag/binary-search) Sort (/tag/sort)	51.8%	Easy	
786	K-th Smallest Prime Fraction ...	Binary Search (/tag/binary-search) Heap (/tag/heap) Pony.ai (/company/ponyai)	41.5%	Hard	
1574	Shortest Subarray to be Rem...	Array (/tag/array) Binary Search (/tag/binary-search) Amazon (/company/amazon)	32.4%	Medium	
1292	Maximum Side Length of a S...	Array (/tag/array) Binary Search (/tag/binary-search) Google (/company/google)	50.3%	Medium	
222	Count Complete Tree Nodes ...	Binary Search (/tag/binary-search) Tree (/tag/tree)	48.4%	Medium	
270	Closest Binary Search Tree V... 🔓	Binary Search (/tag/binary-search) Tree (/tag/tree) Google (/company/google) Microsoft (/company/microsoft) Snapchat (/company/snapchat)	49.4%	Easy	
875	Koko Eating Bananas (/probl...	Binary Search (/tag/binary-search)	53.1%	Medium	
436	Find Right Interval (/problem...	Binary Search (/tag/binary-search)	48.3%	Medium	
392	Is Subsequence (/problems/i...	Binary Search (/tag/binary-search) Dynamic Programming (/tag/dynamic-programming) Greedy (/tag/greedy) Pinterest (/company/pinterest)	49.4%	Easy	
878	Nth Magical Number (/proble...	Math (/tag/math) Binary Search (/tag/binary-search)	28.6%	Hard	
1231	Divide Chocolate (/problems/...	Binary Search (/tag/binary-search) Greedy (/tag/greedy)	53.2%	Hard	

#	Title	Tags	Acceptance	Difficulty	Frequency ❓
1251	Divide Chocolate (/problems/...	Binary Search (/tag/binary-search) Greedy (/tag/greedy) Google (/company/google)	66.2%	Hard	
352	Data Stream as Disjoint Inter...	Binary Search (/tag/binary-search) Ordered Map (/tag/ordered-map)	48.2%	Hard	
✓ 230	Kth Smallest Element in a BS...	Binary Search (/tag/binary-search) Tree (/tag/tree) Google (/company/google) Bloomberg (/company/bloomberg) Uber (/company/uber)	61.8%	Medium	
704	Binary Search (/problems/bin...	Binary Search (/tag/binary-search)	53.8%	Easy	
35	Search Insert Position (/probl...	Array (/tag/array) Binary Search (/tag/binary-search)	42.7%	Easy	
852	Peak Index in a Mountain Arr...	Binary Search (/tag/binary-search) Google (/company/google)	71.8%	Easy	
719	Find K-th Smallest Pair Dista...	Array (/tag/array) Binary Search (/tag/binary-search) Heap (/tag/heap) Google (/company/google)	32.3%	Hard	
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)	35.7%	Hard	
1111	Maximum Nesting Depth of T...	Binary Search (/tag/binary-search) Greedy (/tag/greedy) Bloomreach (/company/bloomreach)	72.4%	Medium	
1351	Count Negative Numbers in ...	Array (/tag/array) Binary Search (/tag/binary-search) Amazon (/company/amazon)	75.9%	Easy	

#	Title	Tags	Acceptance	Difficulty	Frequency ⍰
441	Arranging Coins (/problems/...	Math (/tag/math) Binary Search (/tag/binary-search) GoDaddy (/company/godaddy)	42.2%	Easy	
927	Three Equal Parts (/problems...	Math (/tag/math) Binary Search (/tag/binary-search) Greedy (/tag/greedy) Hotstar (/company/hotstar)	34.3%	Hard	
1631	Path With Minimum Effort (/p...	Binary Search (/tag/binary-search) Depth-first Search (/tag/depth-first-search) Union Find (/tag/union-find) Graph (/tag/graph) Google (/company/google)	41.3%	Medium	
154	Find Minimum in Rotated Sor...	Array (/tag/array) Binary Search (/tag/binary-search)	41.8%	Hard	
1590	Make Sum Divisible by P (/pr...	Array (/tag/array) Hash Table (/tag/hash-table) Math (/tag/math) Binary Search (/tag/binary-search) Amazon (/company/amazon)	27.3%	Medium	
1552	Magnetic Force Between Tw...	Array (/tag/array) Binary Search (/tag/binary-search) Roblox (/company/roblox)	48.5%	Medium	
1157	Online Majority Element In S...	Array (/tag/array) Binary Search (/tag/binary-search) Segment Tree (/tag/segment-tree) Nutanix (/company/nutanix)	39.4%	Hard	
710	Random Pick with Blacklist (/...	Hash Table (/tag/hash-table) Binary Search (/tag/binary-search) Sort (/tag/sort) Random (/tag/random) Google (/company/google) Uber (/company/uber)	32.6%	Hard	
475	Heaters (/problems/heaters)	Binary Search (/tag/binary-search) Google (/company/google)	33.4%	Medium	
778	Swim in Rising Water (/probl...	Binary Search (/tag/binary-search) Heap (/tag/heap)	54.1%	Hard	

#	Title	Tags	Acceptance	Difficulty	Frequency
778	Swim in Rising Water (/probl...	Binary Search (/tag/binary-search) Heap (/tag/heap) Depth-first Search (/tag/depth-first-search) Union Find (/tag/union-find) Google (/company/google)	54.4%	Hard	
1300	Sum of Mutated Array Closes...	Array (/tag/array) Binary Search (/tag/binary-search) Google (/company/google)	43.3%	Medium	
367	Valid Perfect Square (/proble...	Math (/tag/math) Binary Search (/tag/binary-search) LinkedIn (/company/linkedin)	41.9%	Easy	
911	Online Election (/problems/o...	Binary Search (/tag/binary-search) Google (/company/google)	51.2%	Medium	
497	Random Point in Non-overla...	Binary Search (/tag/binary-search) Random (/tag/random) Google (/company/google)	39.0%	Medium	
702	Search in a Sorted Array of U... 🔓	Binary Search (/tag/binary-search) Google (/company/google)	68.3%	Medium	
1521	Find a Value of a Mysterious ...	Binary Search (/tag/binary-search) Bit Manipulation (/tag/bit-manipulation) Segment Tree (/tag/segment-tree) American Express (/company/american-express)	44.0%	Hard	
1237	Find Positive Integer Solution...	Math (/tag/math) Binary Search (/tag/binary-search) Google (/company/google)	69.8%	Easy	
668	Kth Smallest Number in Multi...	Binary Search (/tag/binary-search) Google (/company/google)	47.4%	Hard	
81	Search in Rotated Sorted Arr...	Array (/tag/array) Binary Search (/tag/binary-search)	33.4%	Medium	
1642	Furthest Building You Can Re...	Binary Search (/tag/binary-search) Heap (/tag/heap)	53.0%	Medium	

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1562	Find Latest Group of Size M (...	Binary Search (/tag/binary-search) Google (/company/google)	39.0%	Medium	
1198	Find Smallest Common Elem...🔓	Hash Table (/tag/hash-table) Binary Search (/tag/binary-search) Microsoft (/company/microsoft)	75.0%	Medium	
374	Guess Number Higher or Lo...	Binary Search (/tag/binary-search) Google (/company/google)	44.1%	Easy	
1150	Check If a Number Is Majorit...🔓	Array (/tag/array) Binary Search (/tag/binary-search) Salesforce (/company/salesforce)	58.1%	Easy	
275	H-Index II (/problems/h-inde...	Binary Search (/tag/binary-search) Facebook (/company/facebook)	36.2%	Medium	
744	Find Smallest Letter Greater ...	Binary Search (/tag/binary-search) LinkedIn (/company/linkedin)	45.6%	Easy	
1337	The K Weakest Rows in a Ma...	Array (/tag/array) Binary Search (/tag/binary-search) Amazon (/company/amazon)	69.6%	Easy	
644	Maximum Average Subarray I...🔓	Array (/tag/array) Binary Search (/tag/binary-search) Google (/company/google)	33.7%	Hard	
1658	Minimum Operations to Redu...	Two Pointers (/tag/two-pointers) Binary Search (/tag/binary-search) Greedy (/tag/greedy) Google (/company/google)	30.3%	Medium	
302	Smallest Rectangle Enclosin...🔓	Binary Search (/tag/binary-search) Google (/company/google)	52.2%	Hard	
483	Smallest Good Base (/proble...	Math (/tag/math) Binary Search (/tag/binary-search) Google (/company/google)	36.1%	Hard	

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774	Minimize Max Distance to Ga... 🔓	Binary Search (/tag/binary-search) Google (/company/google)	47.8%	Hard	
793	Preimage Size of Factorial Ze...	Binary Search (/tag/binary-search) Adobe (/company/adobe)	40.5%	Hard	
1064	Fixed Point (/problems/fixed-... 🔓	Array (/tag/array) Binary Search (/tag/binary-search) Uber (/company/uber)	65.6%	Easy	
1182	Shortest Distance to Target ... 🔓	Binary Search (/tag/binary-search) Google (/company/google)	53.3%	Medium	
1201	Ugly Number III (/problems/u...	Math (/tag/math) Binary Search (/tag/binary-search) American Express (/company/american-express)	26.3%	Medium	
1618	Maximum Font to Fit a Sente... 🔓	String (/tag/string) Binary Search (/tag/binary-search) Google (/company/google)	58.3%	Medium	
1533	Find the Index of the Large In... 🔓	Binary Search (/tag/binary-search) Amazon (/company/amazon)	55.3%	Medium	