

Binary Search

In computer science, binary search, also known as half-interval search or logarithmic search, is a search algorithm that is commonly used to find the position of a target value within a sorted array. However, the binary search algorithm is not limited to arrays. In any scenario where one can determine if the target value is higher or lower than a given value, binary search can be used to repeatedly halve the search space for a target value.

Collapse 



Binary Search I

Easy

Medium

Hard

Binary S...

0

0

0

16

7

0

1 / 12
day

Day 1

704. Binary Search

Easy

Array Binary Search

Acceptance 55.2%

[Start Now >>](#)

374. Guess Number Higher or Lower

Easy

Binary Search Interactive

Acceptance 50.1%

[Start Now >>](#)

Day 2

35. Search Insert Position

Easy

Array Binary Search

Acceptance 42.1%

Locked 

852. Peak Index in a Mountain Array

Medium

Array Binary Search

Acceptance 69.7%

Locked 

Day 3

367. Valid Perfect Square

Easy

Math Binary Search

Acceptance 43.2%

Locked 

1385. Find the Distance Value Between Two Arrays

Easy

Array Two Pointers Binary Search Sorting

Acceptance 65.3%

Locked 

Day 4

69. Sqrt(x)

Easy

Math Binary Search

Acceptance 36.8%

Locked 

744. Find Smallest Letter Greater Than Target

Easy

Array Binary Search

Acceptance 44.7%

Locked 

Day 5

278. First Bad Version

Easy

Binary Search Interactive

Acceptance 42.6%

Locked 

34. Find First and Last Position of Element in Sorted Array

Medium

Array Binary Search

Acceptance 41.2%

Locked 

Day 6

441. Arranging Coins

Easy

Math Binary Search

Acceptance 45.8%

Locked 

1539. Kth Missing Positive Number

Easy

Array Binary Search

Acceptance 55.8%

Locked 

Day 7

167. Two Sum II - Input Array Is Sorted

Medium

Array Two Pointers Binary Search

Acceptance 59.8%

Locked 

1608. Special Array With X Elements Greater Than or Equal X

Easy

Array Binary Search Sorting

Acceptance 60.3%

Locked 

Day 8

1351. Count Negative Numbers in a Sorted Matrix

Easy

Array Binary Search Matrix

Acceptance 75.2%

Locked

74. Search a 2D Matrix

Medium

Array Binary Search Matrix

Acceptance 46.1%

Locked

Day 9

1337. The K Weakest Rows in a Matrix

Easy

Array Binary Search Sorting Heap (Priority Queue) Matrix

Acceptance 73.5%

Locked

1346. Check If N and Its Double Exist

Easy

Array Hash Table Two Pointers Binary Search Sorting

Acceptance 35.9%

Locked

Day 10

350. Intersection of Two Arrays II

Easy

Array Hash Table Two Pointers Binary Search Sorting

Acceptance 55.4%

Locked

633. Sum of Square Numbers

Medium

Math Two Pointers Binary Search

Acceptance 34.7%

Locked

Day 11

1855. Maximum Distance Between a Pair of Values

Medium

Array Two Pointers Binary Search Greedy

Acceptance 52.2%

Locked

33. Search in Rotated Sorted Array

Medium

Array Binary Search

Acceptance 38.3%

Locked

Day 12

153. Find Minimum in Rotated Sorted Array

Medium

Array Binary Search

Acceptance 48.3%

Locked