#### **Binary Search**

Similar Questions	Difficulty Level
1.Binary Search	Easy
2.Search Insert Position	Easy
3.Kth Missing Positive Number	Easy
4.Binary Searchable elements	Medium

## Lower, Upper Bound

Similar Questions	Difficulty Level
1.Implement Lower Bound	Easy
2.Implement Upper Bound	Easy
3.Find Target Indices After Sorting Array	Easy
4.Number of occurrence	Medium
5.Find First and Last Position of Element in Sorted Array	Medium
6.Plates Between Candles	Medium
7.Floor in a Sorted Array	Easy
8.Floor/Ceil in Sorted Array	Medium

## Peak/Mountain Array

Similar Questions	Difficulty Level
1.Valid Mountain Array	Easy
2. Monotonic Array	Easy
3.Count Hills and Valleys in an Array	Easy
4.Find Peak Element	Medium
6.Peak Index in a Mountain Array	Medium
7.Minimum Number of Removals to Make Mountain Array[+DP, +Greedy]	Hard

#### Rotation

Similar Questions	Difficulty Level
1.Rotation	Easy
2.Search in an almost sorted array	Read Section
3.Search an element in sorted rotated Array.	Easy
4.Search in Rotated Sorted Array .	Medium
5.Search in Rotated Sorted Array	Medium
6.Find Minimum in Rotated Sorted Array	Medium

## **Maths in Binary Search**

Similar Questions	Difficulty Level
1.Valid Perfect Square	Easy
2.Sqrt(x)	Easy
3.Find Nth Root Of M	Easy
4.Sum of Square Numbers	Medium

## **Time and Binary Search**

Similar Questions	Difficulty Level
1.Koko Eating Bananas	Medium
2.Minimum Number of Days to Make m Bouquets	Medium
3.Maximize the Confusion of an Exam	Medium
4.Capacity To Ship Packages Within D Days	Medium
5.Time Based Key-Value Store	Medium

#### Minimum: Maximum

Similar Questions	Difficulty Level
1.Minimum Limit of Balls in a Bag	Medium
2.Maximum Candies Allocated to K Children	Medium
3.Minimized Maximum of Products Distributed to Any Store	Medium
4.Minimize Max Distance to Gas Station	Medium

# **Split in Binary Search**

Similar Questions	Difficulty Level
1.Split Array Largest Sum	Hard
2.Painter's Partition Problem	Medium
3.Book Allocation Problem	Medium
4.Median of Two Sorted Arrays	Hard
5.K-th Element of Two Sorted Arrays	Hard

## **Matrix and Binary Search**

Similar Questions	Difficulty Level
1.Search a 2D Matrix	Medium
2.Count Negative Numbers in a Sorted Matrix	Easy
2.Search a 2D Matrix II	Medium
3.Find Peak Element II	Medium
4.Row with max 1s	Medium
5.Median in a row-wise sorted Matrix	Medium
6.Max Sum of Rectangle No Larger Than K	Hard