

Smart Coding & Interview Series

Top-20 Basic Program

(Binary Search Thinking)

First, understand the solution building strategies and coding for the problems in LIVE/VIDEO session and then you apply those strategies discussed in LIVE/VIDEO session to solve the following problems. Use your favourite language(C/C++/Java/C#/Python/Scala) for coding.

Search for a Range: <https://leetcode.com/problems/find-first-and-last-position-of-element-in-sorted-array/description/>

First Bad Version: <https://leetcode.com/problems/first-bad-version/description/>

Matrix Search-I: <https://leetcode.com/problems/search-a-2d-matrix-ii/description/>

Rotated Array Search-II(With Duplicates): <https://leetcode.com/problems/search-in-rotated-sorted-array-ii/description/>

Floor: Given a sorted array and a target value, return the index if the target is found. If not, return the index of the immediate lower element in the array. You may assume no duplicates in the array.

Example :

Input: [1,3,5,6], 4

Output: 2