

DSA Bootcamp Assignment 3

Assignment Details

This assignment focuses on Binary Search and Arrays Topics. Level : Medium

Sr.No	Link to Problem
1	Find and Last Position of Element in Sorted Array
2	Search in Rotated Sorted Array
3	Search in Rotated Sorted Array 2
4	Find Kth Rotation
5	Single Element in a Sorted Array
6	Find Peak Element
7	Sqrt(X)
8	Smallest Divisor given a Threshold
9	Capacity To Ship Packages Within D Days
10	Book Allocation Problem
11	Minimize Max Distance to Gas Station
12	2D Matrix Search 2
13	Median in Row Wise Sorted Matrix

14	Magnetic Force Between Two Balls
15	Next Permutation
16	Longest Consecutive Sequence
17	Maximum Product Subarray

Important Notes:

- In case you dont have a Leetcode / GFG Account, you will have to create one in order to submit your solution to run againsts the test cases.
- Prefer using C++ as the recommended coding language to be used in the bootcamp. Ensure your code is readable and properly commented.
- Please develop the solution logic independently. Relying on AI tools for logic or autocompletion may hinder your ability to learn fundamental syntax and prepare for online assessments with limited GenAI / autocompletion support.
- If you have any questions or need clarification, please reach out on the discord [#doubts](#) channel.

Good luck, and happy coding!