



DSA PRINT

A series of Competitive Programming contests to improve your DSA skills

CONTEXT

DSA stands for Data Structures and Algorithms, it is applied in problem-solving and enables developers to learn to write efficient code. FLC Core team is organising a series of Competitive Programming contests which is aimed at improvising the DSA skills of club members to ultimately prepare them for interviews, coding tests and to make them an efficient developer. This flagship event is exclusive to FLC members just like the FLC Hackfest.

WHY DSA?

Companies use DSA to filter candidates. A company could have as many as 500 applicants and they might need to shortlist 20 candidates. DSA coding assessments serve as an objective way to filter the candidates.

Apart from coding ability & DSA knowledge, the personal interview rounds aim at assessing a few more skills of the candidate like problem solving and debugging ability.

RULES

- Contests are held on **2 Sundays of each month**
- Contests are held online on **Hackerrank** Platform
- These are solo participation contests
- Each Contest consists of 4 problems
 - 2 **Easy** problems
 - 1 **Medium** problem
 - 1 **Hard** problem
- Copying solutions from other sources is strictly not encouraged. Contests are aimed at **improving your own skills**, and not to "only" win the contests.
- The **topics must be self-learnt from the resources** which will be **shared 2 weeks* ahead** of the contest.
- Contests will be held in the morning and the discussion sessions on that day's set of problems will be hosted by the team in the evening on Discord stage.
- All of the further announcements related to the series will be sent on #dsw-sprint discord channel.

SCHEDULE*

Topic	Date
Arrays	20th Nov 2022
Strings	4th Dec 2022
Hashmap	18th Dec 2022
Linked List	1st Jan 2023
Stacks and Queues	15th Jan 2023
Trees	29th Jan 2023
Priority Queues	12th Feb 2023
DS Main test	26th Feb 2023
Recursion /Backtracking	12th March 2023
Searching	26th March 2023
Sorting	9th April 2023
Two Pointer/Sliding Window Problems	23rd April 2023

SCHEDULE*

Topic	Date
Graphs	7th May 2023
Greedy Algorithms	21st May 2023
Dynamic Programming	4th June 2023
Algorithms Main Test	18th June 2023
DSA Test 1	16th July 2023
DSA Test 2	23rd July 2023
DSA Test 3	30th July 2023

MEET THE TEAM

BEHIND THE INITIATIVE

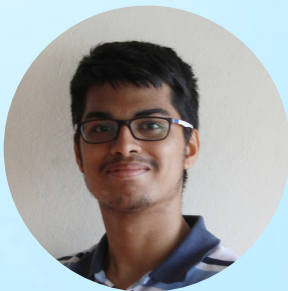


K SHRAVAN

Competitive Programming Lead

- Hackerrank: Earned **Golden Badge** in Java and C++, **3 Star** in C and Problem Solving
- GFG: **27th Rank** in College solved around **192 problems**
- Codechef: Rating of **1567 2-star coder** participated in Starters and Long Challenges
- LeetCode: Solved nearly **50 problems** in LeetCode

CONTEST SETTING TEAM



NIDHEESHA T



DAIVIK SHETTY



VIDYESHA KUMAR

ADVISORS



BHARGAVI



DHANISH



AKASH



AMOGHA



KARTHIK



Team **FLC**

2022-2023

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<https://www.finiteloop.co.in/>



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