

Guidance ✓✓



Q & A

#MIK

Khandaani Torre Ka

bhai bhai bhai

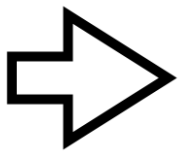
Hard Marked Hai

Lekin Hai Easy

PART - II

Kahani Suno
Story To Code

code Ratna Nahin Hai # intuition Zindabaad



Students Getting Started with DSA.

✓↳ How ?

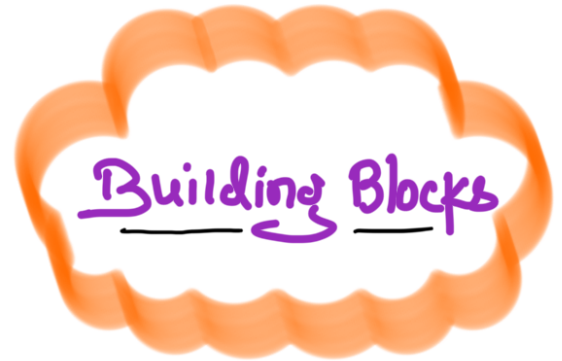
✓↳ Road Map ?

✓↳ Any language preference?





"The fundamentals provide a strong foundation that'll support your future learning"



Example:-

If you don't know about pointers, there is no way you will be good in topics that deal with pointers.



Linked list, doubly linked list,
Tree etc...

• First ensure your fundamentals are

strong.



↳ Pointers ✓
↳ language basics (loop, structs etc.) ✓

DSA

- DSA is language independent

BUT,

Many people find C++ to be very handy for DSA. JAVA

- Start with most important topics



of DSA

- ↳ Sorting Algorithms ✓
- ↳ Time & Space Complexity ✓

- Study topic by topic.

↳ Arrays ✓

↳ Strings ✓

↳ Linked Lists ✓

↳ Stack → Queue → Map/Set etc

How
Many?



- ↳ Recursion
- ↳ Tree
- ↳ Trie
- ↳ Heap
- ↳ Graph
- ↳ DP

So on



- what if Array has (~~DP~~, ~~recursion~~ et.) Qns ???

↳ skip them as of now

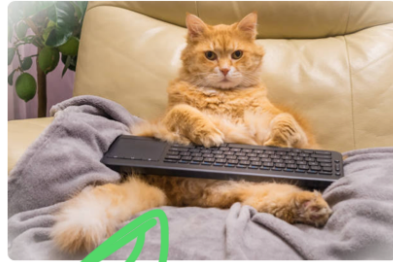
↳ If you are studying a topic (say Array), solve solely array based problem → sorting, rotating, 2-Sum, 3-Sum, 4-Sum etc.

Roadmap to learn any Data Structure (St, Q, P, A, T, M)

"Approved by almost everyone"

Heap
Implementation

Understand
All its
operations



Solve !
Solve !
Solve !
Problems

Time Complexity
of all operations
in that
Data Structure