Welcome to Module 3

Ritik Ramuka

- → 2 years DSA instructor
- → pepCoding (1 year)
- → Accio Jobs PM (2 months)
  instructor (1 year)
- → Boss coder Academy (8 months)
- → freelancer SDE (2 years)
- → Interned at Microsoft (2022)
- → in 4th year MSIT - Delhi
- → { Microsoft SWE }

linkedIn
↳ ritik ramuka

Power
↳ Power Pages

Delhi
↓
BLR 26th July

first Day 31st July 2023

Module 3

↳ LC Hards & Medium

↳ 60+ LC → 20 Hard
              → Medium

Diff. b/w DS & Algo

empty CD's

books

make tea (home)

1. boil water
2. add tea leaf
3. sugar
4. milk
5. boil

_____
tea

make tea (train)

1. Ask boiled water
2. Add premix
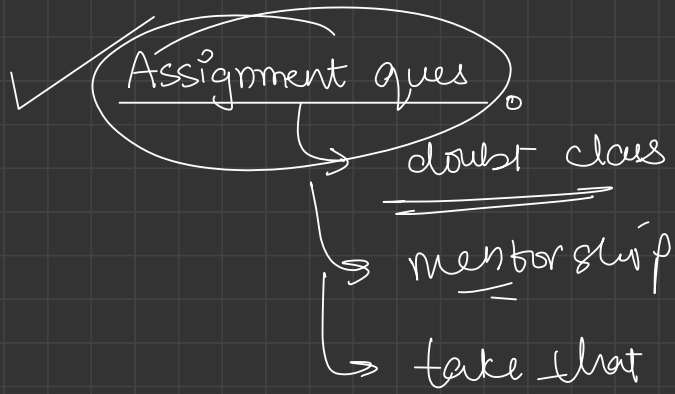
_____
tea

Module 3 .

① Stack (DS) → 3 lect
② Queue (DS) → 2 lect
③ Binary Search (Algo) → 3 lect
④ Hash Theory ⟶ HashMap (DS) } → 4 lect
                 ⟶ HashSet (DS)
⑤ Binary Trees (DS) → 4 lect

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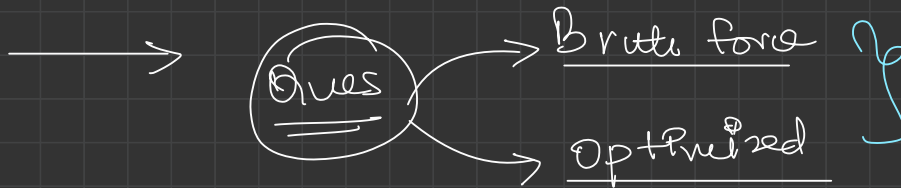16 lect

⑥ 2-Revision lect (y Req)

3-weekly test
↳ discussion classes

{ Module Test at End }

✓ (Assignment ques).

→ doubt class

↳ mentorship

↳ take that

4 hrs

{ 8:00 pm — 11:30 pm }.

→ Module will be tough!

→ (Ques) → Brute force }
        → Optimized

1 year

1. DS
2. Arrays
3. Arraylist
4. Stacks
5. Queues
6. Strings
7. Recursion
8. Back tracking
9. HashMap
9. Hash Set
10. Heaps

11. Sorting Algo
12. Dynamic Programming
13. greedy
14. BS / Searching Algo
20. graphs
21. trees
22. Bit Manipulation

!
!

Spring Boot

Java

Dev

forted Bye → ?

full stack

CORE:
- DBMS
- CN
- OS
- OOP

SQL