

Date - 8 December 2024

It's important to make notes.  
Learn how to make good notes.  
How to make good notes?

(  
Notes)

1) Lecture Notes

① Topics & Ideas.

② Frameworks & forms

③ Ideas of Solving  
Some good problems.

④ Good Code Snippets.  
[Interesting codes]

- Topic
- Framework
- Ideas
- Code Snippet → If good

(2) Problem Notes:-

↳ 3<sup>rd</sup> page.

Notes : [Good notes are important skill to learn]

- Ideas
- Good tricks
- Good coding Structures.

### Some Road Blockers:-

- Forgetting things → Notes
- Low Confidence
- Too much Distraction.

## (2) Problem Notes:-



(1) Concept → Topic pen down the topic of problem

(2) Framework → "if g had to think in the correct way, what should g have thought".

→ like even u have solved or not solved the problem just pen down correct though from us ki kaise ye question ko approach karte shiwayne.

→ Constraints se approach sorte ki dynamic & or traversal lag sakte hai. Traversal me kaha manage karte hain kya complexity ayege  $O(N^2)$  subsets honge etc. etc. its just an example but u need to give a "correct though" for a problem.

Make u think  
to reach  
to form

Note:- Do no write half Baked code, Delete karma wares code karma . Avoid this please.

(3) Forms : Classic forms or ideas / Template or group of problem having similar styles.

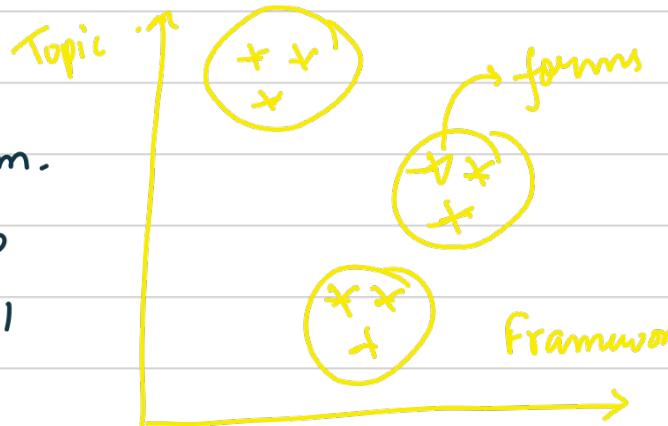
(4) Tactics :-

Quick tricks learned in problem.

odd or even  $(n \% 2)$   $\rightarrow^0$ ,  $(n \& 1)$   $\rightarrow^0$ ,

or prefix Sum.

→ Something which reduces time Complexity.



(5) Debug - Mistakes Done in Code, DR Mistakes.  
Learn from mistakes.

# Read others solution even if u have solved the problem.

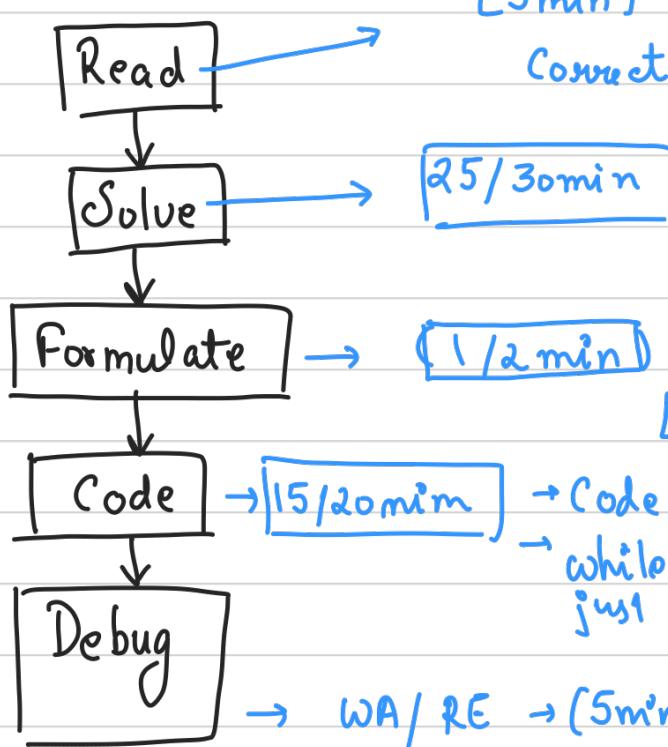
# Make Google Sheet and make Different pages.

# How new Q's are Solved ??

→ people practise and make framework / tactic / forms practised in their mind.  
Musle memory helps to solve Q. It will be like 99% of Questions are already seen or done.

Q How to Solve a Question?  
Q How much time to Spend?

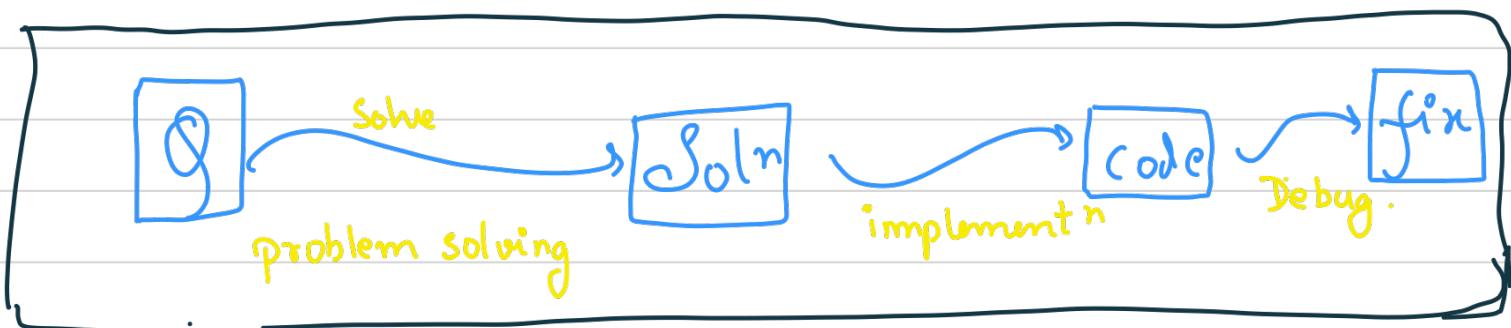
20min - 40min.  
Think time. hint  
sol'n  
ideas



I have / Q.

### GOLDEN RULES :

- (1) 20 - 40 min → think time. → Solving ++
- (2) Donot see code at all. → Implement + Debug
- (3) Check others code please → Implement ++.  
/ Solving ++.



↳ Always Make Habit to Reach to Solution.

Which Websites to Solve?

- (1) Leetcode Weekly.
- (2) Atcoder Beginner Contest
- (3) CF Div 3/2
- (4) Codechef Standard.

Order of priority.



Learning.