

Naman Shalla

→ lead, Non DSA Curriculum

→ Scalable Topics

Importance of Commⁿ

On avg what % time does SWE writing coding
[spend coding]
 → [12%] ← [30-40%] → [< 5%]

→ Meetings

→ Code Reviews

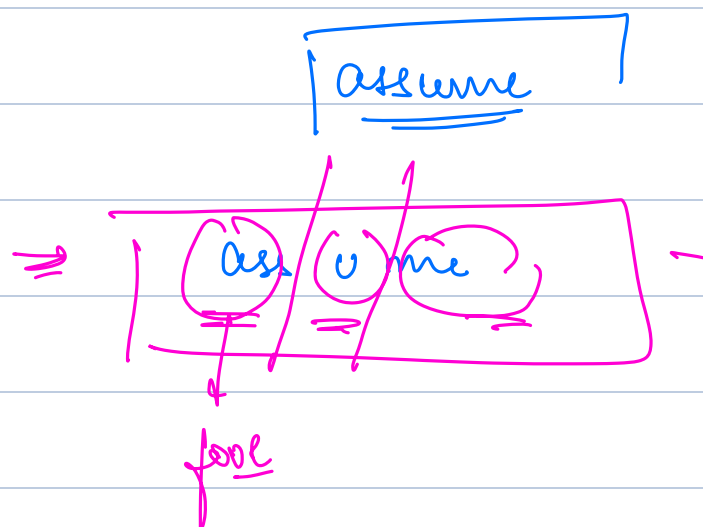
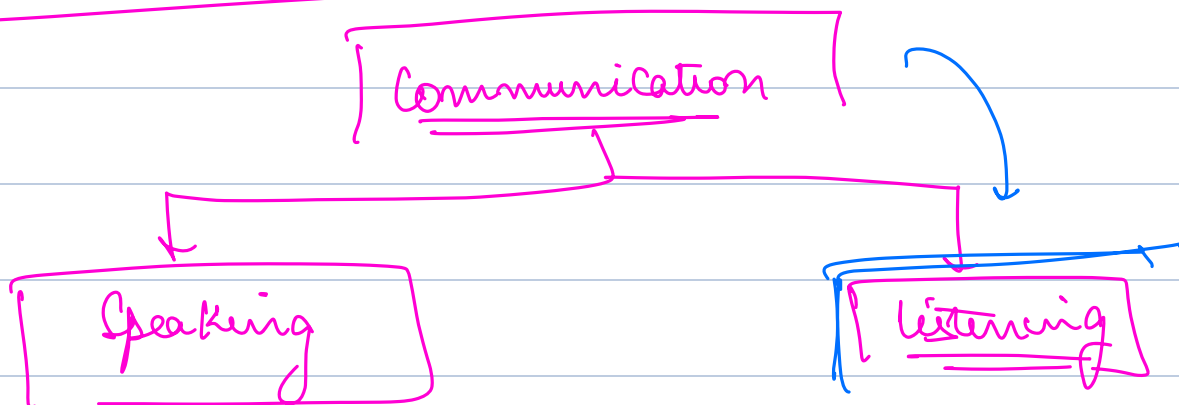
→ great comm

→ great listener

→ ask better qⁿ

→ feedback in a good way

- Gather Req. ⇒ great listener & ask clarifications
- Reading documentation
- Reading code for debugging.



If not good in comm. ⇒

Interviews

- wrong problem statement.
- not able to explain thought process

day to day job

→ stop getting opportunities

Become very good in English

→ Doc

Mentor as a coach

⇒ 30 days

mentors will be asking you to send weekly recordings of you presenting something.

⇒ do practice commⁿ in front of a mirror ⇒ recording yourself

⇒ reading a lot

⇒ focused

→ focus ✓
→ vocab ✓

100 min videos : 0/10/20

↓
communicate
better

① reserve a time slot where you
are reading
↳ 30 mins before I sleep

② what to read

→ tech articles

→ Hacker News

→ Stratchery

→ Ken

How to structure your thoughts

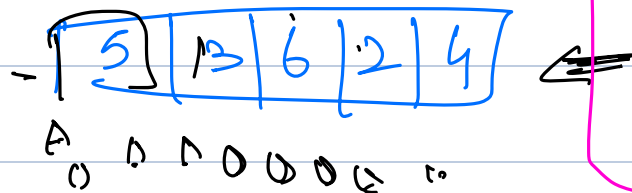
① Interviews

→ DSA

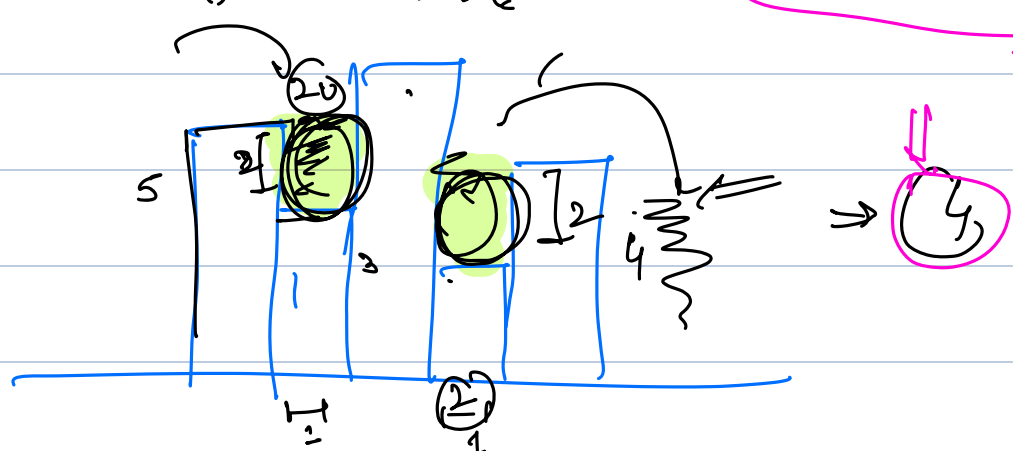
→ Understand / Classify the qⁿ

① → running against a few
test cases

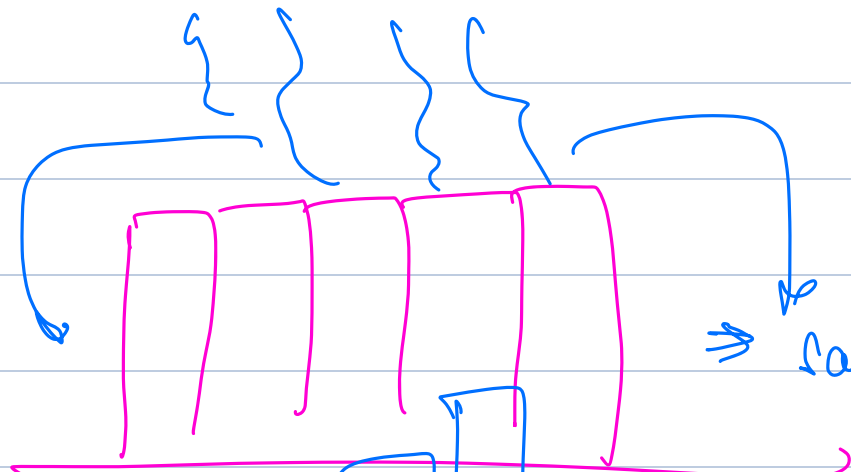
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→ ensure some edge cases are also there.
= (duplicate triangles with an example)



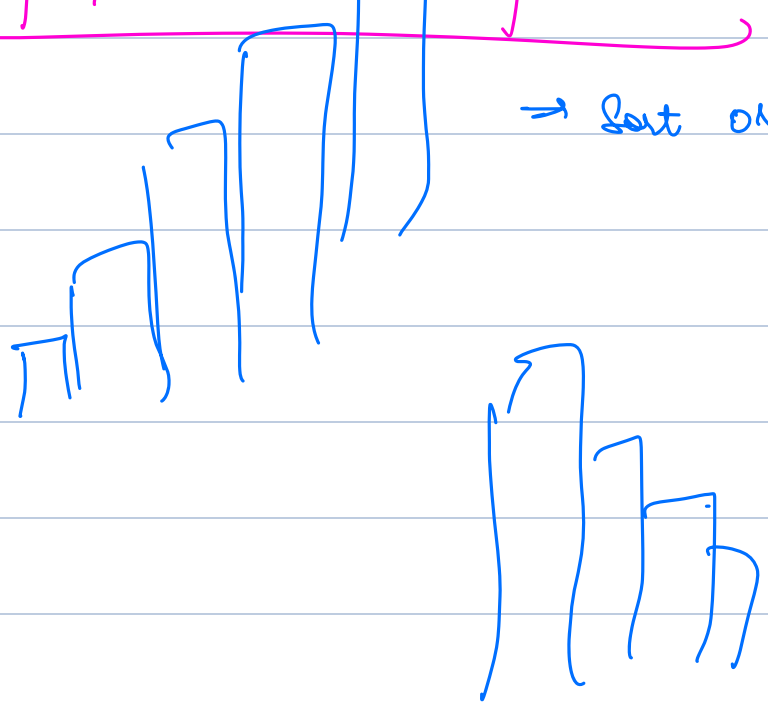
→ if the ans is correct
duplicate again for an edge case



ans 40

⇒ same higher

⇒ sort order.



5 mins

↓ Screen Chared

2 Google Doc

① Explain your understanding of the q^v with a few test cases (ideally few edge cases or well)

5 mins

② Explain brute force

→ DON'T CODE IT

→ I think there may be

some optimizations. let me think and then we can

code that (optimize $O(n^2)$)

Explain your thought process

Speak whatever you are thinking

2 | 4 | 1 | 9 | 3

↳ interviewer can give hint

③ Explain optimization (while writing a pseudo code)

10 mins

→

```
i = 0
j = 0
for (k = 0; k < n; ++k)
    if (arr[k] < mid)
        ++i
    else j++
```

==

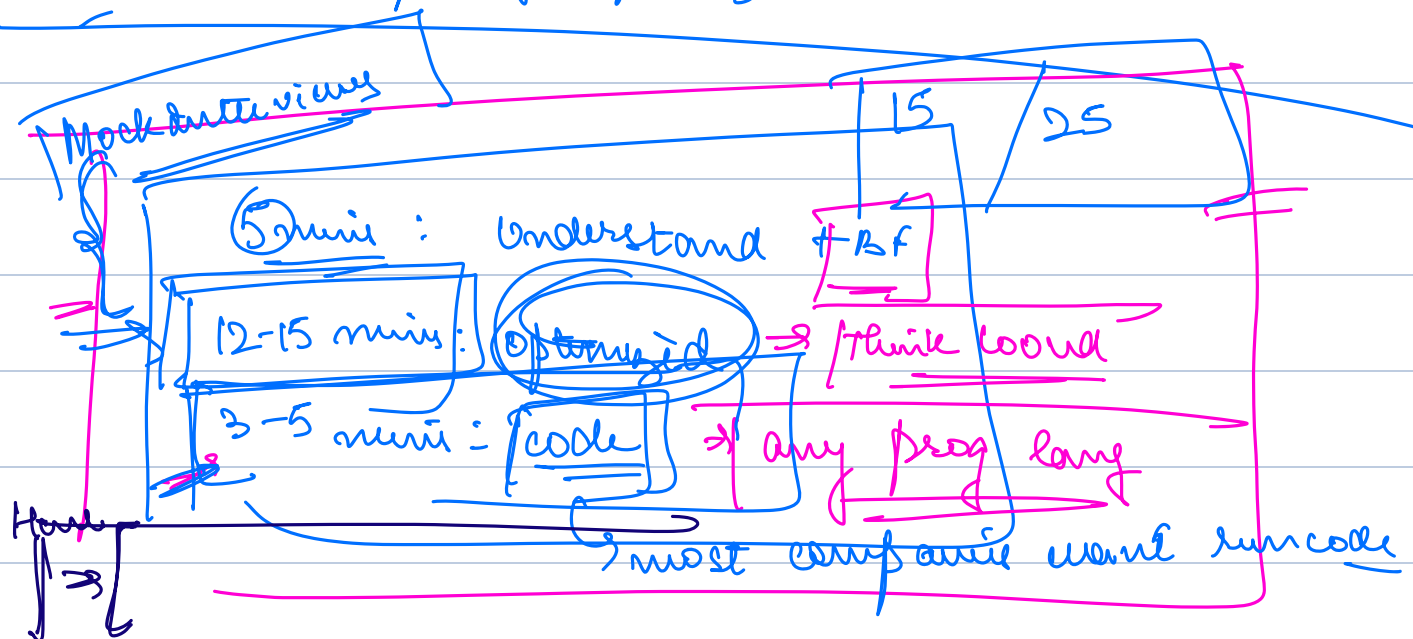
(4) Write code -

3-5 mins

1
FB

45 min interview

Solve 2 medium level problems
completely optimized.



Peer to Peer Mock Interviews

→ WhatsApp Group

30 day before google interview

Solve all leetcode easy problem

4-5 hrs

↳

(200)

55 problems/day

LCD / HLD

→ How to approach interview problems

LCD

HLD

→ Understand and Clarify

Req

→ Class Diagram

→ Schema Design

→ Code

→ Understand and Clarify

Req

→ Back of Envelope calculation

→ API Design

→ Design Architecture

Styoe

⇒

0-2 → L3	SDE1
2-5 → L4	SDE2
5-10 → L5	SDE3
10-18 → L6	

How to structure thoughts in Resume Projects Work Exp

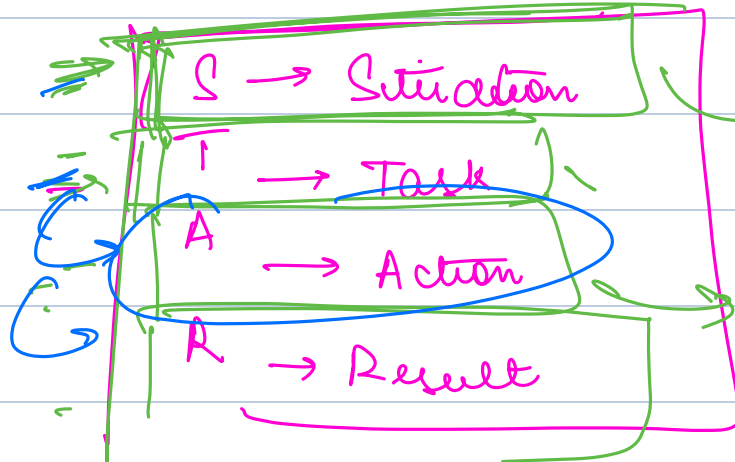
Behavioural Interviews

⇒ Google's Round

⇒ Behavioural Round

⇒ Leadership Principles

STAR Technique



4 points

Problem statement that was there.

How did you try to solve the situation

Projects / Work Experience

① Built an Android App to allow consumers to efficiently manage their account at the tip of their hands, and thus to reduce support queries, costs.

② I was involved in architecting the UI layer of the App.

③ App was downloaded by 10k+ people and reduces # support queries by 20% and thus saved company 1 cr every year.

↳ Quantifiable way
↳ ask to your PM / BO

Career Rule ⇒

"Resume Repository"

→ Freelance
→ Exp

Resume Repo



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