**Arsh Amazon Cheat Sheet!**

**#*ReviseWithArsh* #*6Companies30Days* Challenge!**

**P.S This can be started anytime in the month of January.**

**For complete details , go through the video :**

**https://linktw.in/tbOpcB**

**Benefits (For the ones who complete the Challenge get a chance for) :**

* **Top 90-100 recent questions by most big tech companies will be done (who knows you get the same question). - (We all have been trusting previous year questions XD)**
* **The ones who complete this challenge will be given referrals for top tech companies and startups.**
* **A special surprise gift for you.**
* **Special 1 on 1 mentoring session on how to plan the things after this challenge - related to projects , revision , CS Fundamentals, Interview Tips , etc.**

**Rules :**

* **You should be completing 1 company (15 Questions) in 5 days and try maintaining a github repository to store all the codes .You can name the repository as #6Companies30days.**
* **The questions provided will be on a gap of 5 days for a new company i.e from 1-5th Jan , 6th-10th Jan and so on.**
* **You can complete 15 questions as per your time , either 3 questions a day or as per your convenience.**
* **You need to start the challenge by putting in a post on LinkedIn , Instagram, Twitter with hashtag #6Companies30days and #ReviseWithArsh and tag “Arsh Goyal” so that your entry can be tracked and you are eligible for referrals and other benefits.**
* **Than after every 5 days once a company is done , you can make a post announcing your milestones - Milestone -1 (When company 1 is completed) , Milestone -2 (When company 2 is completed).**
* **Let’s get started!**

***Arsh Amazon Sheet :***

1.[Calculating Maximum Profit](https://practice.geeksforgeeks.org/problems/maximum-profit4657/1) (Multiple Ladders Question)

2.[Longest Mountain](https://leetcode.com/problems/longest-mountain-in-array/)

3.[IPL 2021 - Match Day 2](https://practice.geeksforgeeks.org/problems/deee0e8cf9910e7219f663c18d6d640ea0b87f87/1/) (similar to maximum in subarray)

4.[Brackets in Matrix Chain Multiplication](https://practice.geeksforgeeks.org/problems/brackets-in-matrix-chain-multiplication1024/1/)

5.[Phone directory](https://practice.geeksforgeeks.org/problems/phone-directory4628/1/) (Question similar to this based on Amazon Pay as a service)

6.[Maximum of all subarrays of size k](https://practice.geeksforgeeks.org/problems/maximum-of-all-subarrays-of-size-k3101/1)

7.[First non-repeating character in a stream](https://practice.geeksforgeeks.org/problems/first-non-repeating-character-in-a-stream1216/1)

8.[Count ways to N'th Stair(Order does not matter)](https://practice.geeksforgeeks.org/problems/count-ways-to-nth-stairorder-does-not-matter1322/1/)

9.[Which among them forms a perfect Sudoku Pattern ?](https://practice.geeksforgeeks.org/problems/is-sudoku-valid4820/1/)

10.[Nuts and Bolts Problem](https://practice.geeksforgeeks.org/problems/nuts-and-bolts-problem0431/1)

11.[Tree Serialization and Deserialization](https://practice.geeksforgeeks.org/problems/serialize-and-deserialize-a-binary-tree/1)

12.[Column name from a given column number](https://practice.geeksforgeeks.org/problems/column-name-from-a-given-column-number4244/1/)

13.[Rotten Oranges](https://leetcode.com/problems/rotting-oranges/) -Multiple Repetitions

14.[Tree Burning](https://practice.geeksforgeeks.org/problems/burning-tree/1/)

15. [Delete N nodes after M nodes of a linked list](https://practice.geeksforgeeks.org/problems/delete-n-nodes-after-m-nodes-of-a-linked-list/1/)