

# **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](#) (Multiple Ladders Question)
- 2.[Longest Mountain](#)
- 3.[IPL 2021 - Match Day 2](#) (similar to maximum in subarray)
- 4.[Brackets in Matrix Chain Multiplication](#)
- 5.[Phone directory](#) (Question similar to this based on Amazon Pay as a service)
- 6.[Maximum of all subarrays of size k](#)
- 7.[First non-repeating character in a stream](#)
- 8.[Count ways to N'th Stair](#)(Order does not matter)
- 9.[Which among them forms a perfect Sudoku Pattern ?](#)
- 10.[Nuts and Bolts Problem](#)
- 11.[Tree Serialization and Deserialization](#)
- 12.[Column name from a given column number](#)
- 13.[Rotten Oranges](#) -Multiple Repetitions
- 14.[Tree Burning](#)
15. [Delete N nodes after M nodes of a linked list](#)