

Arsh Adobe 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/olvZ0H>

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.

Then 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 Adobe Sheet :

1. Find a continuous sub-array which adds to a given number S.
2. Find the length of the Longest Arithmetic Progression (LLAP) in it. ✓
3. Number of distinct Words with k maximum contiguous vowels (Joe and his Dictionary Problem)
4. Partition Equal Subset Sum
5. Total number of ways n can be expressed as sum of xth power of unique natural numbers
6. Generate all combinations of well-formed(balanced) parentheses.
7. Pots of Gold Game (Similar to Covid and Beds problem)
8. atoi
9. Smallest palindromic number greater than N using the same set of digits as in N.
10. Elections
11. String Amendment
12. Leaders in Array
13. Minimum operations to convert array A to B *Imp*
14. Smallest range in K lists
15. Given two library versions of an executable: for example, "10.1.1.3" and "10.1.1.9" or "10" and "10.1". Find out which one is more recent? Strings can be empty also.

→ LIS in $n \log k$