**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/oIvZ0H**](https://linktw.in/oIvZ0H)

**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 Adobe Sheet :***

1.[Find a continuous sub-array which adds to a given number **S**.](https://practice.geeksforgeeks.org/problems/subarray-with-given-sum-1587115621/1)

2.[Find the length of the **L**ongest **A**rithmetic **P**rogression (LLAP) in it.](https://practice.geeksforgeeks.org/problems/longest-arithmetic-progression1019/1/)

3.[**Number of distinct Words with k maximum contiguous vowels**](https://practice.geeksforgeeks.org/problems/7b9d245852bd8caf8a27d6d3961429f0a2b245f1/1/)(Joe and his Dictionary Problem)

4.[**Partition Equal Subset Sum**](https://practice.geeksforgeeks.org/problems/subset-sum-problem2014/1)

5.[Total number of ways **n** can be expressed as sum of **x**th power of unique natural numbers](https://practice.geeksforgeeks.org/problems/express-as-sum-of-power-of-natural-numbers5647/1)

6.[Generate all combinations of well-formed(balanced) parentheses.](https://practice.geeksforgeeks.org/problems/generate-all-possible-parentheses/1/)

7.[**Pots of Gold Game**](https://practice.geeksforgeeks.org/problems/pots-of-gold-game/1/) **(Similar to Covid and Beds problem)**

**8.**[**ATOI**](https://practice.geeksforgeeks.org/problems/implement-atoi/1/)

**9.** [**Smallest palindromic number greater than N using the same set of digits as in N.**](https://practice.geeksforgeeks.org/problems/next-higher-palindromic-number-using-the-same-set-of-digits5859/1/)

**10.**[**Elections**](https://practice.geeksforgeeks.org/problems/winner-of-an-election-where-votes-are-represented-as-candidate-names-1587115621/1/)

**11.**[**String Amendment**](https://practice.geeksforgeeks.org/problems/amend-the-sentence3235/1)

**12.**[**Leaders in Array**](https://practice.geeksforgeeks.org/problems/leaders-in-an-array-1587115620/1/)

**13.**[**Minimum operations to convert array A to B**](https://practice.geeksforgeeks.org/problems/minimum-insertions-to-make-two-arrays-equal/1/)

**14.**[**Smallest range in K lists**](https://practice.geeksforgeeks.org/problems/find-smallest-range-containing-elements-from-k-lists/1/)

**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.