

#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/FCGPbm>

Benefits (For the ones who complete the Challenge) :

1. 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)
2. The ones who complete this challenge will be **given referrals** for top tech companies and startups.
3. A **special surprise gift** for you.
4. **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 :

1. 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.
2. 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.
3. You can complete 15 questions as per your time , either 3 questions a day or as per your convenience.
4. 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.

5. 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).
6. Let's get started!

Day 1-5 :

Company Name : Goldman Sachs

Questions :

1. [Given an array of strings, return all groups of strings that are anagrams.](#)
2. [Overlapping rectangles](#)
3. [Count the subarrays having product less than k](#)
4. [Given a string, Your task is to complete the function encode that returns the run length encoded string for the given string.](#)
[eg if the input string is "wwwaaadexxxxx", then the function should return "w4a3d1e1x6".\(Modified version of question named Cute Monkeys\)](#)
5. [Program to find Nth Ugly Number.](#)
6. [Given two strings str1 and str2. We say that str2 divides str1 if it's possible to concatenate multiple str2 to get str1. For example, ab divides abab.](#)
[if str2 does not divide str1, return -1. Otherwise, return the smallest string str3 such that str3 divides both str1 and str2.](#)
7. [Find the kid which gets the damaged toy](#)
8. [Total Decoding Messages](#)
9. [Given a pattern containing only I's and D's. I for increasing and D for decreasing. Devise an algorithm to print the minimum number following that pattern.](#)
10. Find max 10 numbers in a list having 10M entries.
11. [Given an unsorted array Arr of size N of positive integers. One number 'A' from set {1, 2, ...N} is missing and one number 'B'](#)

[occurs twice in array. Find these two numbers.](#)

12. Find total number of Squares in a $N \times N$ chessboard

13. [Decode the string](#)

14. [Minimum Size Subarray Sum](#)

15. [Array Pair Sum Divisibility Problem](#)

All the best , Start today!!!!