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

**For complete details , go through the video :** [**https://linktw.in/FCGPbm**](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 delivered to you at your doorstep.**
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.](https://practice.geeksforgeeks.org/problems/print-anagrams-together/1/)
2. [Overlapping rectangles](https://practice.geeksforgeeks.org/problems/overlapping-rectangles1924/1/)
3. [Count the subarrays having product less than k](https://practice.geeksforgeeks.org/problems/count-the-subarrays-having-product-less-than-k1708/1/)
4. [Given a string, Your task is to complete the function encode that returns the run length encoded string for the given string.](https://practice.geeksforgeeks.org/problems/run-length-encoding/1/)

[eg if the input string is “wwwwaaadexxxxxx”, then the function should return “w4a3d1e1x6″.](https://practice.geeksforgeeks.org/problems/run-length-encoding/1/)(Modified version of question named Cute Monkeys)

1. [Program to find Nth Ugly Number.](https://practice.geeksforgeeks.org/problems/ugly-numbers2254/1/)

6. [Given two strings str1 and str2. We say that str2 divides str1 if it's possible](https://leetcode.com/problems/greatest-common-divisor-of-strings/)

[to concatenate multiple str2 to get str1. For example, ab divides abab.](https://leetcode.com/problems/greatest-common-divisor-of-strings/)

[if str2 does not divide str1, return -1. Otherwise, return the smallest string](https://leetcode.com/problems/greatest-common-divisor-of-strings/)

[str3 such that str3 divides both str1 and str2.](https://leetcode.com/problems/greatest-common-divisor-of-strings/)

7. F[ind the kid which gets tha damaged toy](https://www.geeksforgeeks.org/distributing-m-items-circle-size-n-starting-k-th-position/)

8. [Total Decoding Messages](https://practice.geeksforgeeks.org/problems/total-decoding-messages1235/1/)

9.[Given a pattern containing only I's and D's. I for increasing and D](https://practice.geeksforgeeks.org/problems/number-following-a-pattern3126/1)

[for decreasing.Devise an algorithm to print the minimum number following](https://practice.geeksforgeeks.org/problems/number-following-a-pattern3126/1)

[that pattern.](https://practice.geeksforgeeks.org/problems/number-following-a-pattern3126/1)

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](https://practice.geeksforgeeks.org/problems/find-missing-and-repeating2512/1/)

['A' from set {1, 2, …N} is missing and one number 'B'](https://practice.geeksforgeeks.org/problems/find-missing-and-repeating2512/1/)

[occurs twice in array. Find these two numbers.](https://practice.geeksforgeeks.org/problems/find-missing-and-repeating2512/1/)

12. Find total number of Squares in a N\*N cheesboard

13.[Decode the string](https://practice.geeksforgeeks.org/problems/decode-the-string2444/1)

14.[Minimum Size Subarray Sum](https://leetcode.com/problems/minimum-size-subarray-sum/)

15.[Array Pair Sum Divisibility Problem](https://practice.geeksforgeeks.org/problems/array-pair-sum-divisibility-problem3257/1)

All the best , Start today!!!!!