#ReviseWithArsh #6Companies30Days
Challenge 2023

Student Empowerment Cell VIIT presents **6 Companies 30 Days Challenge 2023** in collaboration with **Arsh Goyal**. Challenge to make sure you start with your goals today , don't procrastinate and don't let your college decide your future!

Arsh Goyal's Personalized Video Message for VIIT Students:
https://drive.google.com/file/d/1htg9p3M98xj5eloc6- GIutycRP2Rt5Yx/view?usp=sharing

For complete details about the Challenge , go through the video (in Hindi) :
https://linktw.in/z8l9wr

Benefits (For the ones who complete the Challenge) :
- Top 90-100 most frequently asked and most important questions by most big tech companies will be done.
- The ones who complete this challenge will be given referrals for top tech companies and startups.
- A special surprise gift for top performers.
- 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 :
- Complete 1 company (15 Questions) in 5 days and try maintaining a github repository to store all the codes which can be later used as notes .You can name the repository as **#6Companies30days or #ReviseWithArsh**.
- **The questions provided will be on a gap of 5 days for a new company i.e from 1st to 5th Jan,6th to 10th Jan and so on.**
- Completing questions in these 5 days can be in any format - 3 questions a day or maybe 6 questions a day.
- You need to start the challenge by putting in a post on LinkedIn, Instagram, Twitter with hashtag #6Companies30days and #ReviseWithArsh and tag **"Arsh Goyal"** and **"Student Empowerment Cell VIIT (SEC VIIT)"** that your entry can be tracked and you are eligible for referrals and other benefits.
- Why wait to start- start it today!

Challenge Company 1 : **Microsoft**
1. You are given an array of strings tokens that represents an arithmetic expression in a Reverse Polish Notation.
2. Combination Sum with a twist.
3. Bulls and Cows
4. You are given an integer array nums of length n. Return maximum length of Rotation Function.
5. Largest Divisible Subset.
6. How to find a perfect Rectangle.

7. [Scheduling a Course.](#)
8. [Profitable Path in a Tree.](#)
9. [Number of Pairs satisfying Inequality.](#)
10. [Shortest Unsorted continuous Subarray](#)
11. [Number of ways to arrive at a Destination.](#)
12. [Longest Happy Prefix](#)
13. [Seat Arrangement in a SpiceJet Problem - Online OA February '22](#)
14. [Deletions to make an array divisible.](#)
15. [Substrings containing all three Characters](#)

Go ahead! All the best :) Please do share your feedbacks on how is it going for you (your learnings , progress and challenges) through Instagram message at @arshgoyalyt

Challenge Company 2 : **Goldman Sachs**

1. [Max Points on a Line](#)
2. [Valid Square](#)
3. [Factorial with Trailing Zeroes](#)
4. [Number of Boomerangs](#) (Similar to peacocks question)
5. [Split Array into Sequences](#)
6. [Minimum Consecutive Cards to pick up](#)
7. [Count Good Triplets in Array](#) (Profits in a Startup Question)
8. [Maximum Points in Archery Competition](#)
9. [Initial Public Offering](#)
10. [People and Secret](#)
11. [Invalid Transactions in an EMI](#)
12. [All elements of a binary Search Tree](#)
13. [Rhombus Sums in a GRID](#)
14. [Nice Pairs in Array](#) (OTT Platforms and John)
15. [Good People based on Statements](#)

Next Company will be updated here (Can you guess ?)

Go ahead! All the best :) Please do share your feedbacks on how is it going for you (your learnings , progress and challenges) through Instagram message at @arshgoyalyt @sec_viit

Company 3 : **Adobe**
1. [Fraction to a recurring Decimal](#)
2. [Increasing Triplet Sequence](#)
3. [Kth smallest in Lexographical Order](#)
4. [Magical String](#)
5. [Non Negative Integers without consecutive ones](#)
6. [Knight in a Chessboard](#)
7. [Matching Subsequences](#)
8. [Genetic Mutation](#)
9. [Count nodes equal to average of Subtree](#)

10. [Max matrix Sum](#)
11. [Stock Price Fluctuation](#)
12. [Shortest Unsorted Continuous Subarray](#)
13. [Game of Dungeon](#)
14. [People aware of secret](#)
15. [Kth smallest Trimmed number](#)

Next Company will be updated here (Can you guess ?)

Please follow Student Empowerment Cell VIIT on Instagram and LinkedIn.

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LinkedIn Page: https://www.linkedin.com/company/student-empowermentcell/