

#ReviseWithArsh #6Companies30Days Challenge 2023 [Updated 6th JANUARY '23]

A Challenge to make sure you start with your goals today , don't procrastinate and don't let your college decide your future!

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" so 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 ?)

College Club | Society | Training and Placement Cell Collaboration :

- If you are the **Training Placement Coordinator | Coding Club or Society Head | Lead or CSE/IT Department** and wish to take this initiative to your college , mail at business.arshgoyal@gmail.com with your college/club name and estimated participation and social media handles of the club/tpo (if any).
- If shortlisted , you help improve your college Coding culture and make a difference. A **special customised video message** will also be shared by 'Arsh Goyal' with your college/club name announcing this challenge for your college.
- Already collaborated with **Thapar , IGDTUW , IIIT Pune , IIIT Guwahati , and 40+ more colleges** last year - Let it be yours this time!