

## #ReviseWithArsh #6Companies30Days Challenge 2023

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) :

### 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](#)

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](mailto: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!