**#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) : <https://linktw.in/z8I9wr>

**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.](https://leetcode.com/problems/evaluate-reverse-polish-notation/)
2. [Combination Sum with a twist.](https://leetcode.com/problems/combination-sum-iii/)
3. [Bulls and Cows](https://leetcode.com/problems/bulls-and-cows/)
4. [You are given an integer array nums of length n. Return maximum length of Rotation Function.](https://leetcode.com/problems/rotate-function/)
5. [Largest Divisible Subset.](https://leetcode.com/problems/largest-divisible-subset/)
6. [How to find a perfect Rectangle.](https://leetcode.com/problems/perfect-rectangle/)
7. [Scheduling a Course.](https://leetcode.com/problems/course-schedule/)
8. [Profitable Path in a Tree.](https://leetcode.com/problems/most-profitable-path-in-a-tree/)
9. [Number of Pairs satisfying Inequality.](https://leetcode.com/problems/number-of-pairs-satisfying-inequality/)
10. [Shortest Unsorted continuous Subarray](https://leetcode.com/problems/shortest-unsorted-continuous-subarray/)
11. [Number of ways to arrive at a Destination.](https://leetcode.com/problems/number-of-ways-to-arrive-at-destination/)
12. [Longest Happy Prefix](https://leetcode.com/problems/longest-happy-prefix/)
13. [Seat Arrangement in a SpiceJet Problem - Online OA February ‘22](https://leetcode.com/problems/airplane-seat-assignment-probability/)
14. [Deletions to make an array divisible.](https://leetcode.com/problems/minimum-deletions-to-make-array-divisible/)
15. [Substrings containing all three Characters](https://leetcode.com/problems/number-of-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!