

# **Arsh** Microsoft Cheat Sheet!

***#ReviseWithArsh #6Companies30Days***

## **Challenge!**

**P.S This can be started anytime in the month of January.**

**For complete details , go through the video :**

**Benefits** (For the ones who complete the Challenge get a chance for) :

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)

The ones who complete this challenge will be **given referrals** for top tech companies and startups.

A **special surprise gift** for you.

**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 :**

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.

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.

You can complete 15 questions as per your time , either 3 questions a day or as per your convenience.

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. 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). Let' s get started!

### ***Arsh Microsoft Sheet :***

- 1.[Divide an array into two sets S1 and S2 such that the absolute difference between their sums is minimum and find the minimum difference](#)
- 2.**[Prerequisite Tasks](#)** (Similar to Question of Modern Park)
- 3.**[Rotate by 90 degree](#)**
4. [Given a matrix of size r\\*c. Traverse the matrix in spiral form.](#)
5. **[Stock span problem](#)**
- 6.**[Possible Words From Phone Digits](#)**
- 7.**[Unit Area of largest region of 1's](#)**
- 8.**[Connect Nodes at Same Level](#)**
- 9.**[Count Number of SubTrees having given Sum](#)**
- 10.**[Stickler Thief](#)** (Similar to Alibaba and Thiefes Question)
- 11.**[Generate and print all binary numbers with decimal values from 1 to N.](#)**
- 12.[Find all the \*\*unique\*\* quadruple from the given array that sums up to the given number.](#)
- 13.[Given a Graph of V vertices and E edges and another edge\(c - d\), the task is to find if the given edge is a Bridge. i.e., removing the edge disconnects the graph.](#)
- 14.[Given a destination \*\*D\*\* , find the \*\*minimum\*\* number of steps required to reach that destination.](#)
- 15.[Find the order of characters in the alien language.](#)