**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](https://practice.geeksforgeeks.org/problems/minimum-sum-partition3317/1/)

2.[**Prerequisite Tasks**](https://practice.geeksforgeeks.org/problems/prerequisite-tasks/1/) **(Similar to Question of Modern Park)**

**3.R**[**otate by 90 degree**](https://practice.geeksforgeeks.org/problems/rotate-by-90-degree0356/1/)

**4.** [**Given a matrix of size r\*c. Traverse the matrix in spiral form.**](https://practice.geeksforgeeks.org/problems/spirally-traversing-a-matrix-1587115621/1/)

5. **S**[**tock span problem**](https://practice.geeksforgeeks.org/problems/stock-span-problem-1587115621/1)

**6.**[**Possible Words From Phone Digits**](https://practice.geeksforgeeks.org/problems/possible-words-from-phone-digits-1587115620/1/)

**7.U**[**nit Area of largest region of 1's**](https://practice.geeksforgeeks.org/problems/length-of-largest-region-of-1s-1587115620/1/)

**8.C**[**onnect Nodes at Same Level**](https://practice.geeksforgeeks.org/problems/connect-nodes-at-same-level/1/)

**9.**[**Count Number of SubTrees having given Sum**](https://practice.geeksforgeeks.org/problems/count-number-of-subtrees-having-given-sum/1/)

**10.**[**Stickler Thief**](https://practice.geeksforgeeks.org/problems/stickler-theif-1587115621/1/) **(Similar to Alibaba and Thiefes Question)**

**11.**[**Generate and print all binary numbers with decimal values from 1 to N.**](https://practice.geeksforgeeks.org/problems/generate-binary-numbers-1587115620/1/)

12.[Find all the **unique** quadruple from the given array that sums up to the given number.](https://practice.geeksforgeeks.org/problems/find-all-four-sum-numbers1732/1)

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.](https://practice.geeksforgeeks.org/problems/bridge-edge-in-graph/1)

14.[Given a destination **D** , find the **minimum** number of steps required to reach that destination.](https://practice.geeksforgeeks.org/problems/minimum-number-of-steps-to-reach-a-given-number5234/1/)

15.[Find the order of characters in the alien language.](https://practice.geeksforgeeks.org/problems/alien-dictionary/1/)