## Amazon Interview Experience |Set 226 (On-Campus for SDE-1)

Difficulty Level :\nEasy

Last Updated :\n02 Jul, 2019

Amazon interview experience for SDE-1

## 1st round (1.5 hrs)

- 1. given a dictionary of words \xe2\x80\x93 {\xe2\x80\x9csam\xe2\x80\x9d, \xe2\x80\x9csam\xe2\x80\x9d\xe2\x80\x9d.}, \xe2\x80\x9csung\xe2\x80\x9d\xe2\x80\x9d.}. check if a given string eg. \xe2\x80\x9csungsamsungsam\xe2\x80\x9d can be made from the words in the dictionary.
- 2. magic number is a number formed by adding one or more powers of 5 .find Kth magic number. 5, 25, 25+5=30, 125, 125+5=130, 125+25=150, 125+25=155,\xe2\x80\xa6.

20 mcqs having c++, networking, dbms and apti Qs.

## 1st interview\xe2\x80\x93

- 0. introduce yourself
- 1. check if binary tree is BST or not.
- 2. go from 0,0 to m,n in a 2d matrix. find the maximum possible sum of your path. you can only move down or right.
- 3. given an array of integers. form pairs such that each pair\xe2\x80\x99s sum is divisible by k. return 1 if this can be done, else 0.

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## All Practice Problems for Amazon!

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