ZOHO INTERVIEW EXPERIENCE 1

* Glad you interested to know about the interview process! 1 round will be a MCQ or one mark (mostly paper pen test) where you'll be given a set of questions based on software architecture principle (mostly about oop) and debug , find the output , find the error etc, 2 round will be a coding code where you'll be given with a set of easy-medium leetcode questions (even if you solve them , they'll as you to explain it as well so be strong with basics and alway go for native approach) , round 3 is advance programming questions they might as you to do either a full stack , application or a console based application or a system design or some hard leetcode questions (based on the team and based on the role the team is hiring they'll ask it) so be prepared for everything atleast Try to understand and make a logical solution and then try to implement that solution , round 4 will be tech HR where you'll be asked about dbms , Oops, ds and algo , simple system designs , etc etc (typical tech HR , if you perform good in previous rounds they'll more likely select you , if you didn't you can perform this round good and get sort listed and also this round is so important they'll test your presence of mind and understanding) , round 5 if you entered this round you are 95% selected! this round is general HR and they'll mostly look at your behavior and attitude I guess you'll know it and what are the remaining questions they'll ask !!! After all these rounds results will be mailed immediately if you are not selected but within a week they'll let you know the results And then congratulations you are on boarded to zoho (the above mentioned rounds might differ in worst case ...these are myself and my colleague's experience in the interview process ) hope this will help you :)all the best for your interview

Zoho on campus - SDE intern Role process

Round 1 ( 120 mins ) : 20 C programs (in depth concepts) + 15 Aptitude (Most famous Quants questions)

For C Questions : prepare from <https://www.2braces.com/c-questions/> and <https://www.geeksforgeeks.org/output-of-a-program-set-1/> practice all the sets

Round 2 ( 3 hours ) : 8 programming questions ( Easy - Medium )

1. Print the repeated element in the array - I showed both sorting and hashing algorithms

2. Print only unique characters in a string - I used a set and printed only unique elements

3. Merge 2 arrays alternately 1 after other with different lengths - used merge part of merge sort

4. Print the range of the array ( maximum of the array - minimum of the array )

5. Flight seat identification ( Given a number you have to tell weather it's an aisle or window or middle seat in a flight ) - used mod operations to get the ans

6. Given a char matrix you have to search a work is present or not either vertically or horizontally - used 2 loops for vertical searching and 2 for horizontal searching ( used string builder and .includes() method from java which was allowed )

7. Given 2 arrays you have to give the minimum sum by selecting 1 element from each array but their index should not be equal - traversed first array and stored minimum and it's index then traversed the 2nd array and finding the minimum again but skipping the stored index

8. Pattern printing n = 4

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1 2 1

1 2 3 2 1

1 2 3 4 3 2 1

Round 3 ( 3 - 5 hours ) : 7 programming Questions ( Medium )

1. Given an array print the numbers which are leader and also prime ( <https://www.geeksforgeeks.org/leaders-in-an-array/> + prime number) - used same logic and used another basic isPrime function

2. Allocate doctor to patient given number of available doctors, number of patient , doctor id , start time , end time ( No patient should be collided in terms of start time and end time ) print the allocated doctors and patients and not eligible patients summary as output (I asked the interviewer weather I can do this later , he asked me the approach and let me skip this)

3. Given a String of numbers and underscores print the message text assuming the numbers are typed in an old mobile phone ( <https://upload.wikimedia.org/wikipedia/commons/thumb/7/73/Telephone-keypad2.svg/200px-Telephone-keypad2.svg.png> ) -> input : 4433555\_555666 output: HELLO Approach : I used hash map and updated all the values then retrieved all consecutive numbers along with thei count from the map and printed.

4. Given N you have to create a spiral matrix - Similar to this (<https://leetcode.com/problems/spiral-matrix/>) but instead of printing you have to create an matrix from 1 - N , I used Exactly this approach (<https://www.youtube.com/watch?v=1ZGJzvkcLsA>)

5. One Classic problem of all time - <https://www.geeksforgeeks.org/trapping-rain-water/>

6. Given a matrix of 'o' 'x' and '-' you have to say who won in tic tac toe input: x x o x o x x - - output: x won

HR Round (15 mins): Very casual round conducted in my mother tongue itself (Tamil) What's your dream company apart from zoho ? Why Zoho ? Will you join if offer given ? About my location and office distance and travel My Family background

ZOHO INTERVIEW EXPERIENCE 2

1st round Aptitude

Total 20 questions

First 10 questions will be Aptitude

Another 10 questions C programming snippets to find output

In this round,you will get a question paper with answer sheets to mark the answers for the questions

2nd round Coding

This round consists of 2 phases

1st phase

Consists of 3 coding questions like patterns,Strings

Those who are selected in phase 1 will be allowed for phase 2

2nd phase

Again with some coding questions

3rd round Advanced Programming

Here they ask to design a database for some management system with some questions

(You need to draw tables for the management system with some keys)

It's a paper-based round

4th round Technical HR

Questions from your projects and previous round coding questions

Be good in OOPS and SDLC also

5th round Non-tech HR