

Quick Links for Interview Experience

Must Do Coding Questions
Company-wise

Must Do Coding Questions
Topic-wise

Interview Experiences Company-wise

Amazon

Samsung

Microsoft

Oracle

Adobe

Flipkart

Directi

Ola Cabs

Zoho Interview | Set 3 (Off-Campus)

Hi!! I recently attended ZOHO off-campus drive.

ROUND 1: WRITTEN

APTITUDE(1 hr and 20 minutes-20 questions): Problems on average, probability, time & distance, alligation&mixture, ratio, HCF & LCM and few a puzzles.

TECHNICAL(45 minutes-10 questions): Output for C questions. Practice questions in geekquiz.com and C output questions in geeksforgeeks.org. Questions in pointers, strings, matrix etc.

Nearly 60 students were selected out of 600 candidates. They didn't select the top 60. They had a cutoff and those who cleared the cutoff were called for the next round

ROUND 2: SIMPLE CODING(3 hours)

1. Write a program to give the following output for the given input

SAP Labs
D E Shaw
Paytm
Qualcomm
Goldman Sachs
More Company Interview Experiences
Company-wise Coding Problems
Amazon
k largest elements
Reverse a Linked List in groups of given size
Implement a stack with push(), pop() and min() in O(1) time
Add two numbers represented by linked lists
Level Order traversal
Amazon Practice Problems
Microsoft
Key Pair
Is Binary Number Multiple of 3

Eg 1: Input: albl0
Output: abbbbbbbbbb
Eg: 2: Input: b3c6d15
Output: bbbccccccdddddccccccddddd
The number varies from 1 to 99.

2. Write a program to sort the elements in odd positions in descending order and elements in ascending order

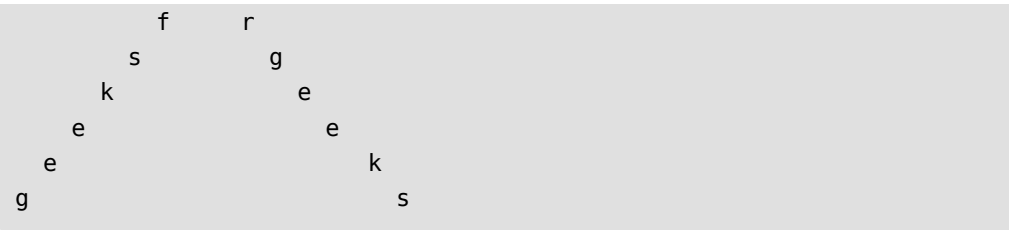
Eg 1: Input: 13,2 4,15,12,10,5
Output: 13,2,12,10,5,15,4
Eg 2: Input: 1,2,3,4,5,6,7,8,9
Output: 9,2,7,4,5,6,3,8,1

3. Write a program to print the following output for the given input. You can assume the string is of odd length

Eg 1: Input: 12345
Output:
1 5
2 4
3
2 4
1 5
Eg 2: Input: geeksforgeeks
Output:
g s
e k
e e
k e
s g
f r
o

Trending Content

Kadane's Algorithm
Root to leaf path sum
Remove every k'th node
Microsoft Practice Problems
Adobe
Search in a Rotated Array
Subset Sum Problem
Sort an array of 0s, 1s and 2s
Reverse words in a given string
Right View of Binary Tree
Adobe Practice Problems
Oracle
0 - 1 Knapsack Problem
Search in a matrix
Implement Queue using Linked List
Implement Stack using Queues
Remove duplicate element from sorted Linked List
Oracle Practice Problems
Ola Cabs



4. Find if a String2 is substring of String1. If it is, return the index of the first occurrence. else return -1.

Eg 1: Input:
String 1: test123string
String 2: 123
Output: 4

Eg 2: Input:
String 1: testing12
String 2: 1234
Output: -1

5. Given two sorted arrays, merge them such that the elements are not repeated

Eg 1: Input:
Array 1: 2,4,5,6,7,9,10,13
Array 2: 2,3,4,5,6,7,8,9,11,15
Output:
Merged array: 2,3,4,5,6,7,8,9,10,11,13,15

6. Using Recursion reverse the string such as

Eg 1: Input: one two three
Output: three two one

Eg 2: Input: I love india
Output: india love I

Trending Content

[Python List , Set , Tuple & Dictionary](#)

[Number Theory](#)

[Set to Array in Java](#)

[BFS , DFS](#)

[School Programming](#)

[Longest Repeated Subsequence](#)

[Longest Palindromic Subsequence](#)

[Detect a negative cycle.](#)

[GATE CS Notes](#)

[Reverse a linked list](#)

Most Visited Posts

[Top 10 Algorithms and Data Structures for Competitive Programming](#)

[Top 10 algorithms in Interview Questions](#)

[How to begin with Competitive Programming?](#)

[Step by Step Guide for Placement Preparation](#)

[How to prepare for ACM-ICPC?](#)

[Insertion Sort , Binary Search , QuickSort , MergeSort , HeapSort](#)

Popular Categories

Left View of Binary Tree
Mirror Tree
Connect Nodes at Same Level
K distance from root
Non Repeating Character
Ola Cabs Practice Problems
Samsung
Longest Increasing Subsequence
Permutations of a given string
Next greater number set digits
Finding middle element in a linked list
Egg Dropping Puzzle
Samsung Practice Problems
Directi
Maximum of all subarrays of size k
Word Boggle
Jumping Numebrs
Solve the Sudoku

19 cleared this round and they were called for the next round. The next round took place on the next day

ROUND 3: COMPLEX CODING(3 hours)

1) Design a Call taxi booking application

-There are n number of taxi's. For simplicity, assume 4. But it should work for any number of taxi's.

-The are 6 points(A,B,C,D,E,F)

-All the points are in a straight line, and each point is 15kms away from the adjacent points.

-It takes 60 mins to travel from one point to another

-Each taxi charges Rs.100 minimum for the first 5 kilometers and Rs.10 for the subsequent kilometers.

-For simplicity, time can be entered as absolute time. Eg: 9hrs, 15hrs etc.

-All taxi's are initially stationed at A.

-When a customer books a Taxi, a free taxi at that point is allocated

-If no free taxi is available at that point, a free taxi at the nearest point is allocated.

-If two taxi's are free at the same point, one with lower earning is allocated

-Note that the taxi only charges the customer from the pickup point to the drop point. Not the distance it travels from an adjacent point to pickup the customer.

-If no taxi is free at that time, booking is rejected

Design modules for

```
1) Call taxi booking
Input 1:
Customer ID: 1
Pickup Point: A
Drop Point: B
```

Popular Categories
Interview Experiences
Advanced Data Structures
Dynamic Programming
Greedy Algorithms
Backtracking
Pattern Searching
Divide & Conquer
Geometric Algorithms
Searching
Sorting
Analysis of Algorithms
Mathematical Algorithms
Randomized Algorithms
Recursion
Game Theory
Statistical Algorithms

Tags

Advanced Data Structure **Amazon**
 Aptitude Aptitude **Arrays** Bit
 Magic C C **C++** Computer Networks
 CPP-Library C Quiz **Dynamic**
Programming Experienced **GBlog**
 Geometric Graph Hash Internship
Interview
Experiences **ISRO**

Find Nth root of M
Directi Practce Problems
Flipkart
Inversion of array
Consecutive 1's not allowed
Maximum Width of Tree
Reverse Level Order Traversal
Possible words from Phone digits
Flipkart Practice Problems
Paytm
Reverse words in a given string
Max Sum without Adjacents
Flattening a Linked List
Check for Balanced Tree
Find the number of islands
Paytm Practice Problems
SAP Labs
Check if a number is Bleak
Remove Spaces from string

Pickup Time: 9

Output 1:
Taxi can be allotted.
Taxi-1 is allotted

Input 2:
Customer ID: 2
Pickup Point: B
Drop Point: D
Pickup Time: 9

Output 1:
Taxi can be allotted.
Taxi-2 is allotted

(Note: Since Taxi-1 would have completed its journey when second booking is done, so Taxi-2 from nearest point A which is free is allocated)

Input 3:
Customer ID: 3
Pickup Point: B
Drop Point: C
Pickup Time: 12

Output 1:
Taxi can be allotted.
Taxi-1 is allotted

2) Display the Taxi details

Taxi No:	Total Earnings:					
BookingID	CustomerID	From	To	PickupTime	DropTime	Amour

Java JavaScript Linked List
Mathematical Matrix
Microsoft number-digits PHP PHP-
function Program Output Puzzles
Python QA - Placement Quizzes QA
- Placement Quizzes School
Programming Searching series
Sorting STL Strings Technical
Scripter Tree UGC-NET Web
Technologies

Recent Comments

Second Largest
Check if a number is power of another number
BFS Traversal
SAP Labs Practice Problems
More Company-wise Practice Problems

Output:						
Taxi-1 Total Earnings: Rs. 400						
1	1	A	B	9	10	200
3	3	B	C	12	13	200
Taxi-2 Total Earnings: Rs. 350						
2	2	B	D	9	11	350

These were just sample inputs. It should work for any input that they give. Those who finished both the modules within 3 hours and if it worked for all the inputs they give, those candidates were given extra modules to work with.

Only 9 candidates made it to the next round

ROUND 4 : FIRST FACE-TO-FACE(TECHNICAL)

Questions were on project, c, oops concepts, DBMS and a few puzzles. They might ask you more on new scenarios relating to your project.

ROUND 5: SECOND FACE-TO-FACE(TECHNICAL)

Question were on c, c++, java(like threads, synchronization etc.), Discussion about questions from first, second and third round. He even asked me to solve a few questions from the first round. He gave me a few puzzles to solve

ROUND 6: FIRST GENERAL HR

General questions about my pros and cons and discussion on my resume(be thorough with your resume). She finally asked me if I had any queries.

ROUND 7: SECOND GENERAL HR

She asked me some family details and gave some scenarios and asked me to what I will do in such situations(like if I am given the power to change 3 things in india, what all will I change) and a few general questions.

I didn't get direct placement in ZOHO but I got an internship offer. If I perform well in my internship, I will get an offer. Round 3 was the toughest and if you perform exceptionally well and as they expect in that round, you will definitely make it through. Many thanks to [geeksforgeeks.org](https://www.geeksforgeeks.org) for helping me out in my preparation.

If you like GeeksforGeeks and would like to contribute, you can also write an article and mail your article to contribute@geeksforgeeks.org. See your article appearing on the GeeksforGeeks main page and help other Geeks.

All Practice Problems for Zoho !

Write your Interview Experience or mail it to contribute@geeksforgeeks.org

Practice Tags : [Zoho](#)

Article Tags : [Interview Experiences](#) [Zoho](#)

[Login to Improve this Article](#)

Please write to us at contribute@geeksforgeeks.org to report any issue with the above content.

Recommended Posts:

[Zoho Interview | Set 4](#)

[Zoho Interview | Set 2 \(On-Campus\)](#)

[Zoho Interview | Set 1 \(On-Campus\)](#)

[Zoho Interview Experience | Set 18 \(On-Campus\)](#)

Zoho Interview | Set 8 (Off-Campus Drive for Project Trainee)
Nearbuy Recruitment Process
Fiberlink Recruitent Process
DBS Interview Experience (Technical Associate Position for Freshers)
Mahindra Comviva Interview Experience | Set 7 (On-Campus)
VMWare Interview Experience | Set 13 (Staff Engineer – UI)

<< Previous Post

Next Post >>

(Login to Rate)

0

Average Difficulty : 0/5.0
No votes yet.

Basic

Easy

Medium

Hard

Expert



Add to TODO List



Mark as DONE

Writing code in comment? Please use ide.geeksforgeeks.org, generate link and share the link here.

Load Comments

Share this post!

GeeksforGeeks

A computer science portal for geeks

710-B, Advant Navis Business Park,
Sector-142, Noida, Uttar Pradesh - 201305
feedback@geeksforgeeks.org

COMPANY

About Us
Careers
Privacy Policy
Contact Us

LEARN

Algorithms
Data Structures
Languages
CS Subjects
Video Tutorials

PRACTICE

Company-wise
Topic-wise
Contests
Subjective Questions

CONTRIBUTE

Write an Article
Write Interview Experience
Internships
Videos



@geeksforgeeks, Some rights reserved