

Home	Algorithms	DS	GATE	Interview Corner	Q&A	C	C++	Java	Books	Contribute	Ask a Q	About
Array	Bit Magic	C/C++	Articles	GFactS	Linked List	MCQ	Misc	Output	String	Tree	Graph	

vretnl ya

### Online Round

1 hour coding contest, different set of coding problems were given. They were manually evaluated. I was able to score 2nd highest score in my batch. They were judging you on these factors proper Algorithm, and clear code.

20 people were shortlisted after this round.

### Round 1

<http://www.geeksforgeeks.org/find-first-non-repeating-character-stream-characters/>

N -ary tree given ,print the zig zag order traversal

<http://www.geeksforgeeks.org/level-order-traversal-in-spiral-form/>

Link list consist of 0 and 1 ,arrange it in such a way that all 0's on the left and all 1's on right

Given an sorted array find a pair such that their sum is equala to key value.

My friend gave me the solution in order( n ), he told him tell the solution in O(logn) , just to test his temperament.

6 were shortlisted out of 20

### Round 2

There was discussion on my project for about 15 mins . Since my project was based on web crawling he asked me

Find top 10 urls used by clients and 10 clients accessing the urls for 1 day of data . I answered by using heap ,he asked to me ,how insertion works in a heap .

Puzzle : 25 horses race, he modified it to 30 horses

Given a string without spaces and a dictionary return or print all possible ways that the string can be broken so that only valid words are formed.

Eg. "programmerita", dict = { "pro", "gram", "merita", "program", "programmer", "ita" }

ans: { { "pro", "gram", "merita" }, { "program", "merita" }, { "programmer", "ita" } }

3 were shortlisted

### Round 3

Position of knight and king in a Chess board, find the minimum no of moves knight can move to reach king position.

Boundary traversal of Binary tree

All permutation of string ,with and without duplicates

### HR round

Tell me about yourself.

3 Strengths,3 weaknesses, 3 things you like and hate about you college, why payu, why coding?, motivation, challenging moment.

Things we were judged was effort and all codes were asked to code .

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

[Interview Experiences](#)
[Advanced Data Structures](#)
[Dynamic Programming](#)
[Greedy Algorithms](#)
[Backtracking](#)
[Pattern Searching](#)
[Divide & Conquer](#)
[Mathematical Algorithms](#)
[Recursion](#)
[Geometric Algorithms](#)

## Related Topics:

- [Amazon Interview Experience | Set 183 \(SDE – New Grad Position\)](#)
- [Accolite Interview Experience | Set 3 \(On-Campus\)](#)
- [Snapdeal Interview Experience | Set 12 \(For Senior Software Developer\)](#)
- [Myntra Interview Experience | Set 5](#)
- [MakeMyTrip Interview Experience | Set 5 \(Online Coding\)](#)
- [Amazon Interview Experience | Set 182 \(For SDET 1\)](#)
- [Pubmatic Interview Experience](#)
- [Practo Interview Experience | Set 3 \(Off-Campus\)](#)

Tags: [Payu](#)



**Writing code in comment?** Please use [ideone.com](#) and share the link here.

## string

[All permutations of a given string](#)

[Memory Layout of C Programs](#)

[Understanding "extern" keyword in C](#)

[Median of two sorted arrays](#)

[Tree traversal without recursion and without stack!](#)

[Structure Member Alignment, Padding and Data Packing](#)

[Intersection point of two Linked Lists](#)

[Lowest Common Ancestor in a BST.](#)

[Check if a binary tree is BST or not](#)

[Sorted Linked List to Balanced BST](#)

Follow [@GeeksforGeeks](#)



Subscribe

## string

[gluzo foo\(\)+foo\(\) doesn't follow uniform distribution...](#)

[Generate integer from 1 to 7 with equal probability](#) · 27 minutes ago

[gluzo No , bcoz \(foo\(\)+foo\(\)-1\) follows normal...](#)

[Generate integer from 1 to 7 with equal probability](#) · 28 minutes ago

[WILL OF D the complexity will O\(n\) in worst case but in...](#)

[Find a Fixed Point in a given array](#) · 38 minutes ago

[gluzo bcoz in 6\\*foo\(\) -5 generates only 5 nos as...](#)

[Generate integer from 1 to 7 with equal probability](#) · 42 minutes ago

[WILL OF D {-10,1,1,2,10,12,14} your sol says](#)

the fixed...

[Find a Fixed Point in a given array · 45 minutes ago](#)

Guest I think it is better approach for in case array...

[Sort an array of 0s, 1s and 2s · 46 minutes ago](#)