

Google Interview Experience

Round 1

2 coding questions.

Round 2(Interview on google meet)

simplify the given string.

write a code for this in any language.

example

(a+(b-a))

output

b

Round 3(Interview on google meet)

1.variation of binary search.

1. array is not sorted
2. you can choose any element as a mid elements

In the worst-case scenario how many elements you can search from this array?

A=[2 , 1 , 3 , 5 , 4]

output - 1

no matter what we choose as a mid element we can search 3.

2. You are given an array like this infinite vertically you need to find maximum element which will return true form function.

[x1,x2,.....,xn]

[x1/2,x2/2,.....xn/2]

[x1/3,x2/3,.....xn/3]

....

....

bool double(double x)

switch(x)

{

case 1.2: return true

case 1: return true

.....
}

Hint: Use a Priority queue

Nontech question

1. How will you cope up with an underpressure situation?
2. Have you done any extra thing in the project like which is not required?

Round 4(Interview on google meet)

There are N people in the city and there are M meetings. in each meeting 2 people meet at some time T. now initially person know about the gossip. so the question is at the end of all meetings how many persons will know about the gossip.

person1	person2	time
1	2	100
2	3	200
3	4	50

ANS: 3