Zoho Interview Experience | Set 12 (On-Campus)

Recently ZOHO visited our campus for recruitment and i would like to share my experience.  
Thanks to geeksforgeeks which contributed to most of my preparations..  
 **Round 1 : TIME : 2hrs**  
I was expecting an aptitude written round .But they gave us 30 flowchart and asked us to go through each flowchart and the questions were based on the flowchart..Questions included finding the o/p of the flowchart , find the missing statement which when added produces the given o/p..If you concentrate and go through the flowchart it should be easy to crack the first round..

**Round 2: TIME : 3hrs**  
They shortlisted 150 candidates from the first round..This was a programming round and consisted of straightforward questions..

1.Given two numbers a and b both < 200 we have to find the square numbers which lie between a and b(inclusive)

eg) i/p a = 20;b = 100;

o/p 25,36,49,64,81,100

2.Alternately sort an unsorted array..

eg) i/p {5,2,8,7,4,3,9}

o/p {9,2,8,3,7,4,5}

3. Given an array and a threshold value find the o/p

eg) i/p {5,8,10,13,6,2};threshold = 3;

o/p count = 17

explanation:

Number parts counts

5 {3,2} 2

8 {3,3,2} 3

10 {3,3,3,1} 4

13 {3,3,3,3,1} 5

6 {3,3} 2

2 {2} 1

4.a. Given two binary numbers add the two numbers in binary form without converting them to decimal value.

eg) a = 1010 b = 11001

o/p 100011

b.The two numbers were given in base n

eg) a = 123 b = 13 n = 4

o/p 202

5.Write a program to print the below pattern

for n = 6

1712161921

28131720

391418

41015

511

6

6.Given bigger NxN matrix and a smaller MxM matrix print TRUE if the smaller matrix can be found in the bigger matrix else print FALSE

7.Given two matrices a and b both of size NxN find if matrix a can be transformed to matrix b by rotating it 90deg , 180deg , 270deg if so print TRUE else print FALSE

8 In addition to the above question you have to check if matrix a can be transformed by mirroring vertically or horizontally to matrix b.

I solved 7 questions .. Those who solved more than 5 were selected for the next round.