

## Company Name : Thinkitive Technology

### ❖ Test

- $A[] = \{1, 2, 3, 5\}$   
Find the missing number
- $arr[] = \{\text{geeks}, \text{for}, \text{geeks}\}$   
Find the most repeated word
- Programs
  - 1) pattern program
  - 2) max sum of subarray
- ```
      1
     * 2 *
    * * 3 **
```
- Given two arrays  $X[]$  and  $Y[]$  of positive integers, find the number of pairs such that  $x^y > y^x$  where  $x$  is an element from  $X[]$  and  $y$  is an element from  $Y[]$ .  
Examples:  
  
Input:  $X[] = \{2, 1, 6\}$ ,  $Y = \{1, 5\}$   
Output: 3  
Explanation:  
The 3 possible pairs are:  
 $(2, 1) \Rightarrow 2^1 > 1^2$   
 $(2, 5) \Rightarrow 2^5 (= 32) > 5^2 (= 25)$   
 $(6, 1) \Rightarrow 6^1 > 1^6$   
Input:  $X[] = \{10, 19, 18\}$ ,  $Y[] = \{11, 15, 9\}$   
Output: 2
- kth smallest element from array;
- missing number and most repeated elements in string

### ❖ First Technical Round

- Array const in javascript
- Recursion, abstraction problem write on paper
- Internal working of priority queue
- String reverse with using function, with using operator and without using both operator and function
- Palindrome code
- Take an input 454 then o/p will be 13 and 4
- Aptitude logics
- Find the most repeated element in less time complexity
- SQL join query, sub query, all clause query
- oops,
- data structure and algorithms
- list
- stack
- queue
- Dictionary data structure
- my SQL
- Delete
- Truncate

- Drop, joins, foreign key
- Html tags, doctype, table tag
- Project
- HTML Tags
- which tag uses to create a table?
- mysql
- inner Join
- types of join
- stack
- Queue
- Difference between Array vs List
- Dictionary in java
- What is OOPs?

#### ❖ Second Technical Round

- About Project
- OOPs Concepts
- What is difference between class & Object
- What is difference between Multilevel Inheritance & Multiple Inheritance.
- JVM
- Java is a platform independent?
- HTML Tags
- MySQL: Full form of SQL?
- Query: Write a query to find down top 3 Students with highest marks.
- Pattern Program:

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- * * * -
* * * * *

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- Data Structure: What is Time Complexity?
- What is time complexity and  $O^3$  and  $O^2$  in both of this which is better for program.

#### ❖ Manager round

- What is java to javascript?
- Introduction
- Regarding gap.
- What I learnt in codenora.
- Difference between collection and collections.
- Map interface with example of duplicate keys & values.
- Puzzle of bottles