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Company - Hopscotch

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[Test with 2  
codes]

Technical Round -

- ① Introduce Yourself
- ② Write Implementation of UnkedList  
- Add & print elements (code)
- ③ Code to find minimum of three numbers using ternary operator.
- ④ Diff betn function overloading and function overriding
- ⑤ why we write private constructor?  
Name a class with private constructor?  
Name
- ⑥ collection is Interface / class?
- ⑦ which classes implements List Interface?
- ⑧ write update query?
- ⑨ what is marker interface?
- ⑩ what is framework in java?
- ⑪ what is your COAc project?  
what is your role?  
Technologies used?
- ⑫ diff. betn truncate & delete?
- ⑬ truncate & delete are ddl or dml
- ⑭ methods in object class?
- ⑮ Gives real time examples of oop's concept?
- ⑯ Arrays are stored in Heap/stack & why?
- ⑰ what is advantages of static method?
- ⑱ Annotations Used in java for your project?
- ⑲ who is your role model & why?



(21) solve this  $\Rightarrow$  `System.out.println(a++ + ++a);`?  
 what it will print?  $\nearrow$  `System.out.println(b++ + b++);`?  
`int a=10;`  
`int b=10;` Ans = 22, 21

(20) Being a mech engg. why IT?

2nd Round - Hopscotch

- (1) Give array & tell to give number whose sum is 20?
- (2) write a which are the sorting algorithm
- (3) Implement any sorting Algorithm  
(I implement Bubble sort)
- (4) Asked time complexity of Bubble sort & how we can calculate it?
- (5) write array such that element get sorted in one pass so time complexity reduces?
- (6) write SQL query to join two tables & gives rows which are not in other column of other table
- (7) write code for method overriding?
- (8) write code for method overloading?

(22) solve this - `sout(a > b || a++ < c);`  
`sout(a);`  
`sout(a > b | a++ < c);`  
`sout(a);`  
`int a=10;`  
`int b=5;`  
`int c=20;`

Ans  $\Rightarrow$  1, 10, 1, 11