**CORE JAVA**

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**1.What is the difference between Hashmap and flat hashMap ?**

**2.Internal Archetecture of Hashmap using List or Linklist ?**

**3. What happen if we insert duplicate in Hashmap?**

**4. Difference between Hashset and LinkedHashSet and example ?**

**5.Signleton Design Pattern ?? Code Mandatory? Explanation ?**

**6. What is MVC Architecture?Just Explanation**

**7. OOPS all with example (Inheritence, polymorphism , Encapsulation)?**

**8. What is Functional interface ?How it is benefited along with Abstract class counter question ?**

**9.Java 8 features , Mandatory especially Lamda Expression ? How to filter even no from list type Question?**

**10.Exception handling and multithreading , how can we utilise 2 thread and execute 100 thread using thread pooling details ?**

**11.Type of exception and custom exception and how can we do it?**

**12.What happen if any thread gives you dump and how can we know that if you have more than 1000 thread?**

**SQL :**

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1. **What are the type of join and explain each ?**
2. **CRUD operation , explain ?**
3. **Find the 2ndor nth largest salary from employee table without using LIMIT or you can use LIMIT both ?**
4. **Find the manager name of all the employee in the employee table ?**

**Schema : empname| empid|mgrname**

1. **Deadlock question overview ?**
2. **Schema DESIGN (Asked if the company is Product based in a separate round )**
3. **Schema design of BookmyShow ?**

**CODING**

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1. **Find Square root (using Binary Search )**
2. **Implement POW funditon ?**
3. **In Sorted Rotated Array find the index of particular element ?**
4. **Print tree in zig-zag manner ?**
5. **Find the intersection of Linklist?(can be asked in some different ways )**
6. **Find the loop in a Linklist ?**
7. **Implement Signle Linklist or Circular Linklist (Leetcode )**
8. **Stone question (Every time it got broken in two pieces ).........**
9. **Left and right ,top and Bottom view of tree ?**
10. **Maximum sum subarray ?**
11. **Maximum sum of subsequence of an array ?**
12. **TWO SUM (VVVVIII)\*\*\*\*\*\*\*\*\*\*\***

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