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| Equal hashCode with respect to map, set and problem | | | SQL query with group by |
| what is the underlying implementation of arraylist | | | Clustered non clustered index |
| Immutable class | | | Wait notify, fairness parameter, reentrant lock synchronized |
| Final | | | Etl what is it, why used, reporting via business object |
| Cloneable clone | | | When to use no SQL db |
| Cascade types | | | Decorator, factory pattern |
| One to many relationship | | | |
| Lazy loading if session is closed | | | |
| Code segments - Output | | | |
| Bulk loading/reading - how will you read from a file of million lines and update / insert in dB using Java | | | 1. Get min elements in stack in O(1) |
| Marker interface | | | 2. Hashmap working. |
| factory pattern | | | 3. What is hashCode |
| main java basics - internally hashmap how does it work, iterator, implement iterator - collections, linkedhashmap - string buffer | | | 4. Find all pairs in array of integers whose sum equals to k |
| cache - internally work | | | 5. Basic java questions and which data structure to use in different scenarios. |
| internally implement GC | | | 6. Data caching on startup of project. |
| how java works internally | | | |

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| Optimize query, build plan, how many indexes are a good limit, |
| overloading, passing null as parameter, |
| Weak Reference, |
| Comparable with user defined object, |
| Wait -notify, deadlock, |
| Db query, find emp having no record for dept. |
| Create immutable class in detail. |
| Need of immutability, Upcasting downcasting |

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64. dependency injection, private autowired, spring transaction, db index, Design problem with large data to be read persisted and again stored in queues. how to do so,