1. Describe static and final keywords
2. What is the difference between Thread vs Process?
3. **What is database index?**
4. **What is dependency injection? How we can use it?**
5. Service, Repository, Component?
6. What is Bean?
7. Why in some cases Bean cannot be loaded?
8. What is singleton?
9. In Spring Boot, are beans singleton or multi-instance?
10. Spring vs Spring boot
11. What are the latest features in java 17 and what have you used?
12. What is the use of Optional?
13. How is the creation of a String using new() different from that of a literal?(Customer wants to know candidate understanding on Java Memory Model)
14. What is bounded context?
15. How to implement  multiple inheritance in Java ?
16. What is Service, Repository, Component?
17. How are the @RestController and @Controller Annotation different?
18. Can the static methods be overloaded?
19. Can you describe sharding in MongoDB?
20. What is a partition of a topic in Kafka Cluster?
21. Can Kafka be transactional?
22. What differentiates Spring Data JPA and Hibernate?
23. **How you can write a REST API from the scratch?**
24. **Difference between overload and override along with definition.**
25. **Different patterns**
26. **Which pattern you have used during your project execution. Explain.**
27. There is a collection of input strigs and a collection of query strings. For each query string determine how many times it occurs in the list of input strings. Return an array of the results
29. Example
31. stringList = ['ab','ab','abc']  
    queries = ['ab,'abc','bc']
33. There are 2 instances of 'ab', 1 of 'abc' and 0 of 'bc'. For each query add an element to the return array results = [2,1,0]
34. how do I test my code, what do I test-methods or endpoints