**JAVA**

1. Which version of java you had been working on ?
2. Difference between Java 8 and Java 11 ?
3. What all new features has been added in Java 11?
4. What features are their in java 8?
5. What is stream API meant for?
6. methods in Stream API
7. Sort Array using Stream
8. Volatile Keyword
9. Hashmap ,Hashset,LinkedList,Arraylist
10. Difference between Hashmap and Arraylist?
11. Sorting in Hashmap,HashSet Value ?
12. Sort Array using Stream
13. Comparable and comparator
14. Transient Keyword
15. What is a singleton Class?
16. What happens when multiple threads try to create an object of a singleton class?
17. What is the benefit of using a concurrent HashMap?
18. What happen if we not override equals and hashcode in hashmap of employee class
19. Object and class level lock diff

New Pod Questions

What is use of default method in java 8, if we have abstract class.

Java code

I/P : { 0,1,1,1,0,0,1,1,0,1,1,0,0,0,1,0,1,0,0,0,0,1}

Print the highest sequence of 0 and 1.

O/P : { 1,1,1} & {0,0,0,0}

Spring vs spring boot questions:

What are the benefits of spring boot over Spring?

How you will handle if you are calling 10 microservices sequentially and last microservice fail.

How you will manage security like MFA.

All main annotations in spring boot.

How you will check health of your application if Actuator is down.

**Spring And Database**

1. How do you set db URL in Spring?
2. Where do you store DB URL ,Username and password
3. Is it secure to access db url, ursername & password from properties?
4. How can you secure these properties ?
5. How can  you retrieve properties values in Spring?
6. Database JOIN, Left JOIN, Inner join - Scenario based questions like If you have one table with 10 rows and another table  with 5 rows and 3 common rows in both the table.
7. If you left outer Join how many rows count will be there.
8. Annotations - @Configuration, @ConfigurationProperties,@Component,@Bean,@ComponentScan

@Autowired by name and type

1. Lifecycle of Bean
2. Scenario based questions on bean- Ex. If one bean has dependency on another bean and another bean has dependency on first one which will execute first
3. Spring Security
4. Spring JDBC and JPA difference
5. How to increase the performance / reduce the response time of an api
6. What happens if beans are dependent on each other?
7. How do you avoid circular dependency?
8. How many beans are created when a prototype bean is injected in a singleton bean?
9. If one bean has dependency on another bean and another bean has dependency on first one which will execute first.
10. If you have one table with 10 rows and another table with 5 rows and 3 common rows in both the table.
11. Do you know about partitions and indices?

**Angular**

1. What is the use of ng build in angular
2. Diff between ng build --prod  & ng build
3. how do we use various components in one component?
4. constructor vs ngOnInit
5. how do you use component in html and where you will define the name of the component
6. Where did you Deploy your angular project
7. LazyLoading
8. Environment handling
9. How do we create common component which will  across the app like header or footer

**Core Java**

**Spring And Database**