* Why spring framework is more famous now a days?
* What is Dependency Injection
* What IOC container
* What is bean and component
* What is difference between @Controller and @RestController?
* What is difference between spring framework and spring boot?
* What do you know by actuators?
* How do you handle transactional management?
* How do you handle Exceptional handling in spring boot? 🡺 @ExceptionHandler, @RestControllerAdvice and creating custom exception classes.
* @Qualifier usage
* @Autowired and types
* Any design pattern used in your project🡺 Façade, Singleton pattern, DAO pattern.
* Stereotype Annotations in springboot
* What all annotations you worked in sprintboot.
* If I give you an requirement to create an API how you would start it.
* Can I use @Component instead of @Servive and @Repository?
* Can I interchange @Repository and @Service in respective classes.
* How to read data from property files 🡺 using @Value annotation.
* What is @SprinbootApplication annotation is used for?
* Why springboot is auto-configurer?
* I Don’t want to use Tomcat server and I want to use different, how to include in our application by removing Tomcat.
* What is default scope of bean? And what is prototype bean?
* Difference between @PathVariable and @RequestParam?
* What is difference between load() and get() method in hibernate?
* What is difference between save() and persist() method in hibernate?
* What is lazy and eager initialization?
* What is difference between session and SessionFactory in hibernate?
* What is 1st level and 2nd level cache in hibernate?
* What is cascading mean?
* What is use of @JoinColumn annotation?
* How will you secure your APIs?
* What is difference between monolithic and microservice architecture?
* How you will call from one service rest api to another service rest api 🡺 Rest Template
* What is diff between Rest full webservices and Rest APIs.

Java 8

1. What is functional interface & lambda expression?
2. What is for optional class used?
3. Stream Api 🡺 intermediate operations and terminal operations
4. What all do you know in java 8? 🡺 functional interfaces, lambda exp, optional class, stream api, forEach method, predicate, supplier, consumer, static and default methods in interfaces.
5. StreamApi methods 🡺 Sorting, grouping, map, filter coding questions.
6. What is predicate, supplier, consumer?
7. What is static and default method in java8?

Java:

* Arraylist vs linkedlist
* How hashset works internally
* How hashmap works internally
* Diff between hashmap vs hashtable vs concurrent hashmap
* What is Hashcollision?
* Equals and hashcode contract?
* Concurrentmodification Exception why?
* Fail fast and fail safe iterator?
* Comparator and comparable interfaces and implementation with example.
* Interfaces
* Abstraction vs encapsulation
* Method overriding vs method overloading vs method hiding
* when you'll get stack over flow error and out of memory error? how to resolve it.
* Checked and unchecked exception
* Hierarchy of exception
* Throw vs throws vs throwable
* Try vs catch vs finally
* Can I use try with finally?
* Serialization and use of transient
* Wrapper classes 🡺 auto boxing, unboxing
* Why string is immutable?
* How to create immutable class?
* How to create singleton object?
* How to create thread?
* What is deadlock?
* What is synchronization in threads?
* What is class level synchronization and object level synchronization?
* How multiple inheritance is supported through interfaces but not through classes?
* Can I override static method, private method?
* Can I overload static method and private method and main method?

SQL:

Joins,

2nd highest salary from the employee table

Max and min salary from employee table

One example for inner join?