**<https://www.w3resource.com/java-exercises/stream/index.php>**

[**https://www.w3resource.com/java-exercises/lambda/index.php**](https://www.w3resource.com/java-exercises/lambda/index.php)

Filter and sort integers in list in Java 1.8

Can functional interface extend another functional interface   
  
Can you update profiles of spring boot through command line  
  
Actuator in spring boot  
  
If a record is deleted from table what will be pk value for new entry in table. - it will still continue with increasing the value.   
  
What predict returns  
  
How concurrent hashmap works internally  
  
How can you load huge file in Java  
  
Difference between heap and stack  
  
Difference between Array List and linked list.  
  
We can have method implementation in interface then what is the difference between abstract and interface in 1.8  
  
Return type of predicate  
  
Difference between Function and Predicate in Java 8  
  
Try-with-resources  
  
Try-with-resources in custom class.  
  
Hash code collision  
  
Internal working of Hasmap in 1.8  
  
Transient and volatile  
  
How do you configure composite primary key in hibernate  
  
Inheritance in hibernate  
  
How do you connect to multiple database in spring boot.  
  
How to exclude a class form loading by container.  
  
When do we go for self joins.  
  
How to create Immutable class in Java.  
  
what is the use of functional interface in java.  
  
Deepcopy in immutable classes.  
  
Use Serializable key in serialization.  
  
How can we avoid circular dependency like Class A - Class B - Class A in spring (@Lazy).  
  
How to connect multiple dbs in spring boot.  
  
What is state less and staefull request.  
  
How do you maintain the cache in spring boot.  
  
How do you validate path variables combination.  
  
Synchronised hashmap and concurrent hashmap.  
  
How do you handle exceptions globally in spring boot.  
  
When do you go for immutable classes in project.  
  
Is string thread safe ?  
  
Why we have String Constant Pool Concept.  
  
How to change the profiles in spring boot from command line.  
  
Difference between Request Params an path variables.  
  
Do you write 2 end point for the same rest service when client wants response in 2 different formats(XML/JSON).  
  
Can we call garbage collector programmatically.  
  
Why string is immutable.  
  
String intern() method in SCP.  
  
@Qualifier, @Primary  
  
Diamond problem in Java 8  
  
How to make Stateless to Statefull.  
  
Difference between bean and component.  
  
Session time out and request time out.  
  
How do you monitor the logs of multiple Microservice.  
  
How do you include/exclude specific packages of a jar file in pom.xml  
  
How do you maintain two different versions of soap and rest.   
  
How do you maintain transaction when interacting with multiple Microservices.  
  
Can we have multiple application context files in spring.  
  
What is servlet context listener.  
  
@postconstruct.  
  
How can we make sure thread A calls thread B and Thread B calls Thread C  
  
What if Class Loader A and it's Child class loader B loads same jar and class file.  
  
Memory leak in collections.  
  
  
  
  
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These are the topics which we covered during the interview.

1. Describing logging mechanism to capture only the required REST API, details and filter out sensitive information.

2. Issues with Aspect-Oriented Programming and Logging

3. Optimization and Debugging Techniques

4. Creating custom annotations for validations in Spring Boot.

5. Custom Annotations and Validations in Spring Boot

6. Differences Between Spring MVC and Spring REST Controllers

7. My approaches to handle Spring Bean creation and singleton pattern implementation.

8. Handling Dependency Injection and Auto-Wiring Issues

9. Implementing Spring Profiles for Dynamic Service Switching

10. React Redux for State Management, Optimizing React Applications with useMemo and useEffect

11. How to use the Redux Thunk and Redux Saga for handling asynchronous operations in React, Upsides and downsides.

12. Addressing Component Re-rendering Issue