**Interview Questions:**

1.project architecture?   
2.spring flow?   
3.list out all the annotations in spring?   
4.what are all the annotations you used in your project on restful services?   
5.in hibernate use of cascade and inverse?   
6.first level cache? second level cache in hibernate?   
7.waht is diff b/w arraylist and linkedlist?   
8.can you explain the internal flow of hashmap?   
9.what is the diff b/w hashmap and hashtable?   
10.diff b/w array and arraylist?   
11.diff b/w arraylist and vector?   
12.in your project where you used cuncurrent hashmap?   
13.waht is java annoying?   
14.diff b/w callable interface adn future interface in concurrent package?  
15.class loaders?   
16.how can you take list into map?   
17.how can you take map into list?   
18.when you will get ClassNotFoundException and NoClassDefFoundError?   
19.how you implement exception handling in your project?   
20.where you implement multi-threading in your project?   
21.what are all the design patterens you oberved in spring?   
22.which design patters you used in your project?   
23.what are all the critial situations you come across in your project?   
24.why wait() placed in object class ? why not it is placed in Thread class?  
25.waht is use of intern() in spring?   
26.what is diff b/w String str="xyz"; and String str2= new String("xyz");   
27.expalin about java architectue?   
28.explain about jvm architecture?   
29.data base queries?   
30.i have a compeny table in remote database. by using rest i need to get the table data and print into a file?   
31.how to read book pages on online library by using bookid or author id(by using restful services)?   
32.i have a table in remote database, how to update the data in that table using rest?   
33.diff b/w rest and web(soap)?   
34.agile methodolgy?   
35.how to create web-services project and spring project using mavan?   
36.what is diff b/w throw and throws?   
37.can you tell me java8 features?   
38.what are all the contents in wsdl?   
39.refer regular expressions?   
40.can i add elements to list , if it is defined as final  
ex:final List<String> list= new ArrayList<>();?   
41.if you pass duplicate key to map what will happen?   
42.diff b/w abstract class and interface?   
43.diff b/w comparator and comparable?   
44.how to compare two database tables(clue: comparator, compare(), you have to compare database objects.)?   
45.how to set timeout for the browser?(clue: restful client api.)?   
46.what workflow you used in your project?   
47.why java? why not c & c++?   
48.In written test they are asking sorting programs(bubblesort,quicksort,...)?   
49.what is time complexity? if you are going to implement sorting by your own which sorting you prefer? and why?   
50.what is the use of volatile and synchronized?   
51.what is serialization? have you implement serialization in your project?   
52.programs on io streams?   
53.why we are using @qualifier?   
54.diff b/w Bean Factory and Application Context?   
55.explain about ioc container?   
56.programs on string manipulations?(they are expecting solv by using regular expressions).   
57.how you are implemented polymorphism in your project?   
58.how you iterate map having key and list<values>?   
59.diff b/w Iterator and ListIterator and Enumarator?   
60.what are all the collections are supporting ListIterator?   
61.how to make non-synchronized map and list as synchronized(by using collection method)?   
62.what is diff b/w collection and collections?   
63.write the junit test case for the below senario..   
-->read array of elements into list<>.   
64.what are all the modifiers we can use inside method?(ans: only final)   
65.what is diff b/w spring-jdbc and hibernate?   
66.what are all the drawbacks of jdbc over hibernate?   
67.what are all the problems with inheritance?   
68.what is the use of hinernate session?   
69.they given one query in sql and they are asking corresponding criteria api query?   
70.why we are using @transient in hibernate?   
71.what are all the inputs we are giving to SessionFactory?   
72.what we are writing in hibernate-mapping file?   
73.what we are writing in hibernate-configuration file?   
74.senario: in jsp page with 2 buttons, one for addbook and another is for showListOfBooks(by using spring and hibernate)?   
75.what is use of @ComponentScan?   
76.what is use of dispather servlet?   
77. What are all the pre-processings tasks done by DispatcherServlet?   
78. how to render excel and pdf view to the enduser(using poi and itext api's)?   
79.How to validate valid username and password in spring?for validating can i directly interact with dao without service?   
80.by defalut servlet container will handle multi-threaded applications , then why you are implementing multi-threading in your application?