

## JAVA & SPRING BOOT & HIBERNATE QUESTION

1. What is java?
2. What is the features of Java?
3. What is inheritance? Why we can use inheritance?
4. What is garbage Collections & which method is used for clean garbage in Java? where it can have stored in JVM and which memory?
5. Difference between interface and abstract Class?
6. What is JIT compiler?
7. Explain Access Modifiers?
8. Which inheritance is not supported by java and why cannot use?
9. Define immutable or mutable class?
10. Which class is not required extends in java?
11. What is object and why we use oops concept with their benefit?
12. Explain Design Pattern?
13. What is the singleton pattern?
14. What is the opposite design pattern of singleton pattern?
15. How we can exclude dependencies in java without commented & deleted?
16. Where we can set port number of Java in Apache Tomcat in spring? With syntax.
17. What is despect Servlet in spring?
18. What is rest Apl? Explain different request with uses? And Difference between Post & Put?
19. What is use of Transaction in Java? Explain with syntax?
20. Difference between Spring Core and Spring Boot?
21. How many types of Number of Joins in SQL? Explain with query of Left Inner Joins?
22. What is the features of Hibernate?
23. Which parent controller class called firstly in Spring?
24. How we can identify & count number & character in Single String?
25. What is dynamic binding?
26. Explain compile time & Runtime polymorphism in Java? With Syntax.
27. Why COLLATE and COLLECT we use in PostgreSQL?
28. How we can find out union and intersection between two list?
29. What is concurrent hashmap?
30. Which function use in join string in String Buffer?
31. Which version first time Number datatypes came?
32. Stack overflow exception is come from which package?
33. if when (service. List (null, any (Conversion. Class)). then Returns(null) Which exception will we come?
34. if num1=100, then num2=++num1 and num3=num++ ? And what is the output of num1,num2,num3?
35. if String str1=null, str2="", str3="Hello" then  
System.out.println(Object.toString(str1),"empty");System.out.println(Object.toString(str2),  
"empty");System.out.println(Object.toString(str3),"Empty");Which is the output or exception  
will throw?
36. Which keyword is used to break or handle exception? if you previously Know?
37. How we can reverse string without reverse function?
38. Do you know about different Microservices ? Explain Eureka micro service?
39. Difference between spring and Spring Boot?

40. What is difference between equals and equalsIgnoreCase()?
41. How we can overload method with same parameter?
42. What is different between default & Public Class?
43. Can we override main function in another class?
44. Can we have used spring boot without spring core?
45. What is spring initializer? what is their use?
46. Which method we use for copy array from another array?
47. What is monolithic architecture ?  
How we can get data from between two date or range?
48. How we can call external API in Spring Boot or micro service?
49. Do you have any information about Eureka Server? How we can configure with Eureka Server?
50. What is a Rest Template class in Spring Boot?
51. How we can Disable white label page?
52. Can we use the run method without the start method? If yes, how we can?
53. Can we call static variable in our method?
54. What is major difference between Hibernate and JPA?
55. Is constructor should be final?
56. list1 = {}, list2 = {3,4,5,6,7}
  1. Find out the common elements from these two lists (O/P - 3,4,5)
  2. Find out the union from these two lists (O/P - 1,2,3,4,5,6,7)