

<https://www.fresh2refresh.com/java-questions/questions-on-collections/>

1. Difference between Method Overriding and Method Overloading
2. Can you Override the Main Method?
3. Difference between == operator and .equals() method
4. Can you expose a restful webservice and then write code to call the webservice?
5. What is Collection Framework?
6. Difference between Hashtable and HashMap
7. Difference between call by reference and call by value

1. Native keywords
2. how to create a class as immutable
3. serialization with example
4. importance of serial version id
5. Errors are you handling
6. Volatile keyword
7. atomic integer
8. thread :- how two thread communicate with each other
9. deadlock
10. Object locking
11. how to resolve deadlock situation
12. Comparators
13. class loaders
14. on what principal class Loader works
15. Do you know design principle
16. Do you know Solid Principle
17. Synchronize
18. finalize method
19. draw backs of using finalize.
20. what is Cloning and use of this
21. Types of Cloning shallow cloning and deep cloning
22. How iterator work internally
23. Concurrent modification exception
24. Bean scope in Spring
25. Qualifier annotations
26. multiple data base connection from single application
27. DB connection with multiple schema
28. how you can manage exception globally in Spring
29. how you are managing transaction in Spring
30. in hibernate how you can define a composite key

31. how you can disable 1st level cache in hibernate
32. what is the difference between JPA and hibernate
33. states of any entity in hibernate
34. get and load method in hibernate
35. mappings in hibernate?
36. many to many relationship in hibernate
37. JVM ,JRE, JDK full introduction with example not only one liner statement.
38. JVM architecture
39. What is class loader
40. OOPS concept with details and example with real time implementation
41. What is data type why its required
42. different type of operator
43. String , String buffer and string builder
44. What is static and final key word where we required these?
45. What is constructor ?
46. Method over loading and overriding with example with different case study.
47. Note :- Please help candidate to understand above topic with respect to their project.
48. Inheritance concept.
49. Abstract class and Interface
50. What is difference between class not found exception and class definition not found.
51. What is exception and how to handle this . what is try , catch and finally block.
52. what is serialization.
53. What is finalization
54. What are the different type of memories in java
55. Thread concept
56. collection and collections
57. Marker Interface example
58. serialization and actual implementation.
59. Some of the data structure examples using linked list, array list.
60. Object comparison using Comparable and Comparator interface.
61. what is mutable and immutable ?
62. how to make a class as immutable ?
63. Create a list of student object with few properties and ask them to do some search just to improve logical skill.
64. Java 8 feature an example
65. Which version of java standard edition have you been using?
66. What are the main features of JAVA 8
67. What are the Characteristics of functional interface.
68. What are operations in STREAM API?
69. What is Unit testing (JUNIT).
70. Which version of JUNIT did you use.
71. ASSERTS in JUNIT
72. What is Polymorphism.
73. What is the difference between protected and default

74. Distributed programming and multithreading
75. What are the different ways to implement synchronization? (synchronized block/synchronized methods)
76. Do you know any methods in the Object class that can help with this?
77. What are the interfaces in collections framework?
78. What are the characteristics of a set?
79. What classes implement the set interface ?
80. When would you stack in a particular program?
81. What is the stack data structure?
82. What are the methods used in a stack?
83. What are generic in Java?
84. What is the diamond operator in generics.
85. What are the spring framework modules in java that you have used.
86. Do you know about spring security.
87. What are the annotations in Spring security.
88. What is IOC container.What is dependency Injection. Principles of the core function.
89. What are the different ways of dependency injections.
90. What is @Autowired injection
91. How does the data type matching happens under the hood?
92. What is Spring boot?
93. What is the purpose of springboot profiles.
94. What is spring boot actuator
95. What kind of development did you do with spring MVC
96. What is SIB

SIB – Static Initialization Block SIB executes when the class gets loaded and executes only once in entire execution IIB – Instance Initialization Block IIB executes when the constructor is called but before the execution of constructor. So it executes as many times as constructor gets executed.

97. What is JVM ,JRE, JDK.
98. What are the methods are available in Object class

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