48.why we should choose array and arraylist in which scenario you will go for array and which scenario you will go for arraylist

[ArrayList in Java - javatpoint](https://www.javatpoint.com/java-arraylist)

[LinkedList in Java - javatpoint](https://www.javatpoint.com/java-linkedlist)

[Difference between ArrayList and LinkedList - javatpoint](https://www.javatpoint.com/difference-between-arraylist-and-linkedlist)

49.why over array and arraylist you will choose linked list

[Difference between ArrayList and LinkedList - javatpoint](https://www.javatpoint.com/difference-between-arraylist-and-linkedlist)

[LinkedList in Java - javatpoint](https://www.javatpoint.com/java-linkedlist)

[ArrayList in Java - javatpoint](https://www.javatpoint.com/java-arraylist)

50.what is the use of constructor In java and why we need it

[Java Constructor - Javatpoint](https://www.javatpoint.com/java-constructor)

[Why We Use Constructor in Java - Javatpoint](https://www.javatpoint.com/why-we-use-constructor-in-java)

51.what is deadlock in thread

[Deadlock in Java - javatpoint](https://www.javatpoint.com/deadlock-in-java)

52.what is the use of application property in spring shoot

[Spring Boot Properties - javatpoint](https://www.javatpoint.com/spring-boot-properties)

53.any other way of implementing the configuration in spring boot application

54.what is Eml

55.In spring boot application what are the multiple application property file

56.what is garbage collection

[Garbage Collection in Java: Types, How It works, Example - javatpoint](https://www.javatpoint.com/Garbage-Collection)

[Garbage Collection in Java - GeeksforGeeks](https://www.geeksforgeeks.org/garbage-collection-java/)

57.can garbage collect object at any point of time can you force it

[5 ways to force Java garbage collection | TheServerSide](https://www.theserverside.com/video/5-ways-to-force-Java-garbage-collection)

58.what is finalize method in terms of collection

[finalize() Method in Java and How to Override it? - GeeksforGeeks](https://www.geeksforgeeks.org/finalize-method-in-java-and-how-to-override-it/)

[Java Object finalize() Method with Examples - Javatpoint](https://www.javatpoint.com/java-object-finalize-method#:~:text=Finalize%20%28%29%20is%20the%20method%20of%20Object%20class.,resources%2C%20perform%20clean-up%20activities%20and%20minimize%20memory%20leaks.)

59. what is string literals?

[Literals in Java - GeeksforGeeks](https://www.geeksforgeeks.org/literals-in-java/)

60.why Strings are immutable

[Why String is Immutable or Final in Java - Javatpoint](https://www.javatpoint.com/why-string-is-immutable-or-final-in-java)

61.what is string constant pool and string literal pool

[String Pool in Java - Javatpoint](https://www.javatpoint.com/string-pool-in-java)

63.if I write println(1+2+3+”welcome”+5) what will be the output

6welcome5

64.if I write println(1+2+3+”welcome”+5+6) what will be the output

6welcome56

65.which is more efficient string buffer or string builder

[String vs StringBuilder vs StringBuffer in Java - GeeksforGeeks](https://www.geeksforgeeks.org/string-vs-stringbuilder-vs-stringbuffer-in-java/)

66.what are the checked exceptions and unchecked exceptions

[Checked vs Unchecked Exceptions in Java - GeeksforGeeks](https://www.geeksforgeeks.org/checked-vs-unchecked-exceptions-in-java/)

67.IndexOutOfBound explain

The **IndexOutOfBoundsException** is an unchecked exception in Java that occurs when an attempt is made to access the character of a string at an index which is either negative or greater than the length of the string.

68.what is the way to handle the exceptions in java

[Exception Handling in Java | Java Exceptions - javatpoint](https://www.javatpoint.com/exception-handling-in-java)

69.what is the use of throw keyword

[Difference between throw and throws in java - javatpoint](https://www.javatpoint.com/difference-between-throw-and-throws-in-java)

70.what is the use of comparable and comparator

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[Comparable vs Comparator in Java - GeeksforGeeks](https://www.geeksforgeeks.org/comparable-vs-comparator-in-java/)

71.what is single sorting and multiple sorting

Utube

72.any other scenario you will go for comparator and comparable

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[Comparable vs Comparator in Java - GeeksforGeeks](https://www.geeksforgeeks.org/comparable-vs-comparator-in-java/)

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[Singleton Method Design Pattern in Java - GeeksforGeeks](https://www.geeksforgeeks.org/singleton-class-java/)

[Singleton Class in Java - Javatpoint](https://www.javatpoint.com/singleton-class-in-java)

75.why we want to declare constructor as private

The main purpose of using a private constructor is to **restrict object creation**. We also use private constructors to implement the singleton design pattern.

[Private Constructor in Java - Javatpoint](https://www.javatpoint.com/private-constructor-in-java#:~:text=The%20main%20purpose%20of%20using%20a%20private%20constructor,private%20constructors%20to%20implement%20the%20singleton%20design%20pattern.)

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