

1. what is the main objective of java 8?
2. what new features Were added in java 8 ?
3. which type of variables @ Methods define in java 7 interface?
4. How to check interface prototype in java compiler ?
5. what is interface limitation in java ?
6. what are new changes introduced in java 8 ?
7. what is default method & when do we use It ?
8. Why we can't override object class methods in interface java 8 ?
9. what is the advantage of default method ?
10. How to avoid Diamond Problem with Default Methods in java 8 ?
11. Differnce between Default method VS Static method in interface ?
12. can we make Default method static in java ?
13. can an interfac contain more than one default method ?
14. Differnce between interface with Default methods vs abstract class ?
15. can default method override equals(), hashCode(),or toString() from object class ?
16. Can we declare default methods inside a class in java ?
17. can we have a default method definition in the interface without specifying the keyword "Default" ?
18. Can a class implement two interfaces having default method with same name and signature ?
19. Can we use static method definitions in interfaces ?
20. Can we access Interface static method using Interface references ?
21. What is lambda expression ?
22. what is the main objective of lambda expression ?
23. is lambda expresion is anonymous unction or class ?
24. Is lambda expression belongs to any specific class ?
25. how to write syntax for lambda expression with return value ?
26. how to write syntax for lambda expression with multiple parametrs ?
27. what is functional interface in java 8 ?

28. what is SAM interfaces ?
29. what are the predefined functional interfaces in java ?
30. How many ways to represent functional interfaces in java ?
31. can we create two abstract methods in functional interfaces ?
32. which annotation is need to use functional interface ?
33. In functional interface if one abstract method is available then @FunctionalInterface is mandatory ?
34. Can we create default methods in FunctionalInterface ?
35. can we create static methods in functional interface ?
36. Can we create instance methods in functional interfaces ?
37. if we create two abstract methods in functional interfaces then what will happen ?
38. what is the rule need to follow in case of functional interface with inheritance ?
39. Is there any restrictions to follow while defining default methods in case of multiple inheritance with functional interface ?
40. Differences between functional interface vs Lambda expression ?
41. Can we replace anonymous inner class with lambda expression ?
42. Differences between Anonymous Inner class vs lambda expression ?
43. what are advantages of lambda expression ?
44. Can we pass lambda expression as argument to a method ?
45. what are the functional interfaces available in java 8 ?
46. what is predicate ?
47. in which package all functional interfaces available ?
48. which method is available in predicate interface ?
49. Can we join two predicates in single predicate ?
50. write a predicate to check whether the given integer is equal to 2020 or not using predicate ?
51. write a predicate to check the length of given string is greater than 5 or not using Predicate ?
52. write a predicate to print all numbers whose number is greater than 10 ?
53. Program to display list of countries names start with 'I' & Population greater than 100000 by using predicate ?
54. what are the abstract methods, default methods and static methods in Predicate Interface ?

55. what is function in java ?
56. which method is available in functional interface ?
57. write a function to find length of given input String using functional interface ?
58. program to remove spaces present in the given string By using Function ?
59. Write a program to print all names from list of names using function ?
60. How to sort Array List custom object without using Lambda expression ?
61. How to sort Array List custom object with Lambda expression ?
62. How to sort Array List custom object with Method Reference ?
63. Real time example of functional interface in Comparator ?
64. What is supplier in java 8 ?

1. what is stream in java 8 ?
2. Differences between streams vs collection ?
3. Is stream is interface or Default method ?
4. How to create a Stream in java 8 ?
5. How many types of Stream ?
6. Differences between sequential stream vs parallel stream ?
7. which frame work is used in parallel stream ?
8. Differences between Intermediate Operations vs Terminal Operations ?
9. How to convert arrays to list ?
10. How to convert arrays to streams ?
11. How to convert list to arrays
12. How to convert list to streams ?
13. How to convert stream to array ?
14. how to convert stream to Array List ?
15. How to convert stream to set ?

16. How to convert stream to map ?
17. How to convert list to map ?
18. How to filter names start with 'p' from arraylist using streams(filter)?
19. How to filter a person whose names start with "ramesh" using streams (simple condition using filter)
20. How to filter a person whose names start with "ramesh" * account number is 625 using streams ?
21. how to filter a customer Name from list of object whose customer name is "ramesh" * account number is 504 using streams ?
22. how to filter a customer Name from list of object whose customer name is "ramesh" * account number is 504 using method reference & streams ?
23. How to filter the collection using java 8 stream ?
24. How to filter the collection using map and java 8 stream ?
25. How many number of customer available whose balance is less than 5000 by using count & streams in java 8 ?
26. How to find Summary Static using Collectors & Streams ?
27. write a program to use max and min methods using streams ?
28. How to filter the customers and get the result as a Set using java 8 ?
29. How to filter the customers and get the result as a Map using java 8 ?
30. How to generate infinite series of number using iterator & stream ?
31. How to restrict infinite series of number using iterator & limit & stream ?
32. How to get unique names in upper case of the first 2 customers whose balance is less than 10000 using filter , map , distinct, limit using streams.
33. what is the use of noneMatch , AllMatch & AnyMatch in streams.?
34. How to generate Random OTP using Streams ?