1. Tell me what Java 8 features you have used?
2. Do you know flatMap in Stream API?
3. What is .map() function do with Stream API?
4. Lamda Expression
5. What is Stream API
6. What problem solved by default method by JAVA8?
7. What is functional interface in Java8? Explain the codes?
8. Java 8-
9. Method Reference,
10. Default method,
11. Functional interface,
12. lambda expression and parallel stream.
13. hat is Stream API ,where you have used in your project ?
14. What is parallel Stream ,what is used?
15. What is Lambda function? How did you implement?  
    What is Method reference?
16. Do you know changes in Java8 could you refer some of them?
17. Explain the default Method? Why default added in Java8?
18. What is Optional API ? why Optional use it ?
19. Do Optional has public constructor?
20. Can we add method as return Optional type?
21. How will you sort a list of string using Java 8 lambda expression?
    * 1. Following code sorts a list of string using Java 8 lambda expression:
      2. //sort using java 8
      3. private void sortUsingJava8(List<String> names) {
      4. Collections.sort(names, (s1, s2) -> s1.compareTo(s2));
      5. }
22. What are the characteristics of a Java 8 lambda expression?
    1. A lambda expression is characterized by the following syntax -
    2. parameter −> expression body
    3. Following are the important characteristics of a lambda expression −
    4. Optional type declaration − No need to declare the type of a parameter. The compiler can inference the same from the value of the parameter.
    5. Optional parenthesis around parameter − No need to declare a single parameter in parenthesis. For multiple parameters, parentheses are required.
    6. Optional curly braces − No need to use curly braces in expression body if the body contains a single statement.
    7. Optional return keyword − The compiler automatically returns the value if the body has a single expression to return the value. Curly braces are required to indicate that expression returns a value.
23. What are method references?
    1. Method references help to point to methods by their names. A method reference is described using :: (double colon) symbol. A method reference can be used to point the following types of methods −
    2. Static methods
    3. Instance methods
    4. Constructors using new operator (TreeSet::new)
    5. Explain the System.out::println expression.
    6. System.out::println method is a static method reference to println method of out object of System class.
24. What are functional interfaces?
    1. Functional interfaces have a single functionality to exhibit. For example, a Comparable interface with a single method 'compareTo' is used for comparison purpose. Java 8 has defined a lot of functional interfaces to be used extensively in lambda expressions.
25. What is the purpose of Consumer<T> functional interface?
    1. It represents an operation that accepts a single input argument and returns no result.
26. What is the purpose of Predicate<T> functional interface?
    1. It represents a predicate (Boolean-valued function) of one argument.
27. What is the purpose of Supplier<T> functional interface?
    1. It represents a supplier of results.
28. What are default methods?
29. What are static default methods?
30. What is streams in Java 8?
31. What is stream pipelining in Java 8?
32. What is the difference between Collections and Stream in Java8 ?
33. What is the purpose of map method of stream in java 8?
34. What is the purpose of filter method of stream in java 8?
35. What is the purpose of limit method of stream in java 8?
36. What is Parallel Processing in Java 8?
37. What are collectors in Java 8?
38. Collectors are used to combine the result of processing on the elements of a stream. Collectors can be used to return a list or a string.
39. What is Optional in Java8?
40. Is it possible to implement two interfaces having default method with same name and signature? Explain with example?
41. Is it possible to define our own Functional Interface? Explain the rules to define a functional interface.?
42. What is Optional in Java 8? Explain its advantages?
43. What is the difference between Predicate and Function?
44. Explain the difference between intermediate and terminal operations.
45. What is stream pipelining in Java 8?
46. What is String Joiner?