**================= APEXON 1st round =================**  
1 What is composition, aggregation and association  
2 What is circuit design pattern  
3 what is outh  
4 what is difference between hashtable and currenthashmap  
5 What is beens scope  
6 what is producer, consumer, suplier, predicate  
7 what is functional interface  
8 what is difference between load and get method  
9 find the minimum element from the list without using min method of stream  
int arr[] = { 9, 2, 4, 3, 8, 5, 6, 1 };  
10 What is idempotent?  
11 what are idempotent method  
12 what is difference between put and post  
13 what is difference between controller, service, repositoy, component

**=================== APEXON 2end round ======================**

1. How to create singly linked list.

2. Reverse of the singly linked list.

3. Find the length of singly linked list.

4. How to detecut loop in linked list

5. Get value by index in the singly linked list

**================ ENCORA TECHNOLOGY ================**  
1. What are the oops concept available in java.  
2. Internal working of HashMap.  
3. What is difference between String, StringBuilder, StringBuffer.  
4. How we can create custom immutable class.  
5. What is difference between comparable and comparator.  
6. What is singleton and how we can make?  
8. how many design patter you know?  
9. What is SOLID design pattern.  
10. how we can make thread class object?  
11. What is difference between Runnable and collable interface.  
12. What is difference between marker interface and functional interface.  
13. What is synchronization?  
14. What is difference between monolithik application and microservices application.  
15. What is dimond problem in java.  
16. How we can resolve dimond problem in java 8.  
17. How you providing the spring security?  
18. What is docker, kubernative, RabitMQ?  
19. What are the design patter you have used in microservices?  
20. How you will handle synchronous and asynchronous calls in microservices?  
21. What is authrozation and authentication.  
22. public class Main{  
   public static void method1(String s){      
       System.out.println("String");  
   }  
   public static void method1(Object o){  
       System.out.println("Object");  
   }  
   public static void main(String args[]){  
       method1(null);  
   }  
}  
output = ?  
23. public class A {  
   public static void main(String[] args){  
       System.out.println('j' + 'a' + 'v' + 'a');  
   }  
}  
output = ? and why?  
24. public class A{  
public static void main(String[] arr){   
     System.out.println(“Main1”);   
}   
public static void main(String arr){   
    System.out.println(“Main2”);  
}  
}  
output ? and why ?  
25. write a program  
/\*\*  
\* Find k nearest numbers (by difference) to given num from array.  
Arr= 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 2, 4, 8, 16, 32   
Num=13, K=4  
output = 11, 13, 15, 16  
\*/  
26. find the missing element in this array.  
intput = int arr[]= {1, 3, 5, 7, 9, 2, 4, 8, 0,10};  
output = 6