1. First non-repeating character in a string. - done
2. Kth non-repeating character in a string. - done
3. Oracle index and query plan
4. Junit mocks
5. Rest client : Refer Perseus using Spring Template - done
6. Spring rest services or mvc interview questions.
7. Property file loading in spring mvc or spring core done
8. Encryption and Encoding-> Different ways to do it - done
9. JPA
10. Sort a map by value done
11. Implement threadpool
12. Print numbers sequentially by multiple threads done
13. Implement your hashmap
14. Implement ArrayList
15. Implement BlockingQueue
16. Design warehouse management system
17. Given a tree with weights on each edge. Balance tree given only one operation “increaseWeight” is allowed only in edges
18. Count number of inversions in an array
19. N-Queens problem done
20. Design Patterns
21. Java-8 Streams, Lambda
22. Generics- type erasures done
23. Executor framework
24. Transaction management in distributed system
25. Volatile, final, static keywords
26. Weak/strong/phantom references
27. Print elements of linked list in reverse order
28. Write queue using stack and vice versa
29. SQL vs NOSQL
30. Messaging queues like Kafka
31. How to find all pairs in integer array whose sum is equal to the given number
32. How to find the Kth smallest/largest number in array
33. Find common elements in 3 sorted arrays
34. How to timeout a thread

Mine

1. Rotate a matrix
2. Check if a number can be expressed a power

Given a positive integer which fits in a 32 bit signed integer, find if it can be expressed as A^P where P > 1 and A > 0. A and P both should be integers.

1. Atoi, ascii to integer, or string to an integer
2. Minimum characters to be added to make a string palindrome
3. Conversion of ROMAN to Integer and Viceversa
4. Zigzag string
5. Given an array S of n integers, find three integers in S such that the sum is closest to a given number, target.   
   Return the sum of the three integers.
6. You are given with an array of 1s and 0s. And you are given with an integer M, which signifies number of flips allowed.  
   Find the position of zeros which when flipped will produce maximum continuous series of 1s.
7. Generate Parenthesis: Given n pairs of parentheses, write a function to generate all combinations of well-formed parentheses of length 2\*n .

For example, given n = 3 , a solution set is:

"((()))", "(()())", "(())()", "()(())", "()()()"

Make sure the returned list of strings is sorted.

1. Maximum points in same line
2. Kth permutation sequence
3. Check if Binary tree is subtree of another tree