

1. Implement Quick Sort (Read from anywhere)
2. Given an array and a number N, find all subsets which sum up to N. (pairs, triplets, etc.)
3. Lets assume A is 0, B is 1...and Z is 25. Given a number N, print all possible strings based on above. E.g: 123 -> ABC, LC, AW
4. Print all possible permutations of a given string
5. Suppose you have a string made up of only the letters 'a' and 'b'. Write a recursive function that checks if the string was generated using the following rules:
 - a. The string begins with an 'a'
 - b. Each 'a' is followed by nothing or an 'a' or "bb"
 - c. Each "bb" is followed by nothing or an 'a'
6. Output top N positive integer in string comparison order. For example, let's say N=1000, then you need to output in string comparison order as below:
1, 10, 100, 1000, 101, 102, ... 109, 11, 110, ..
7. Using the phone keypad return all possible words that can be produced given input digits. e.g. 23 > "ad, ae, af, bd, be, bf, cd, ce, cf"