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 1, B is 2…and Z is 26. Given a number N, print all possible strings based on above. E.g: 123 -> ABC, LC, AW
4. Print all possible permuations 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"
8. Given a string, compute recursively (no loops) a new string where all appearances of "pi" have been replaced by "3.14".
    a. changePi("xpix") → "x3.14x"
    b. changePi("pipi") → "3.143.14"
    c. changePi("pip") → "3.14p"