1. Implement Bubble Sort.
2. Write a program to count number of words, characters and lines in the given input. Input is terminated by a '$'
3. A person wants to go from origin to a particular location, he can move in only 4 directions(i.e East, West, North, South) but his friend gave him a long route, help a person to find minimum Moves so that he can reach to the destination.
   Input – NESNWES
   Output – E
   You need to print the lexicographically sorted string. Assume the string will have only 'E' 'N' 'S' 'W' characters.
   E.g – SSSNEEEW
   output – EESS
4. Write a program to print following pattern:
   * *** *** *
   ** ** ** **
   *** * * ***
5. Write a program to print frequencies of all the characters in the input.
6. Write a program to print median of two sorted arrays of n elements each.
7. Given 2N+1 numbers out of which N are duplicate find the non-duplicate number.
8. Given two arrays return their intersection.
9. Given an array, reverse it without using a new array. You need to first reverse the array and then print it.