

- Given a list of non negative integers as strings, arrange them such that they form the largest number [Note: The result may be very large, so you need to return a string instead of an integer.]

Input:

3 30 34 5 9

Output:

9534330

- Given two strings s and t, find the smallest substring in s containing all characters of t efficiently.

Sample Input 1

this is a test string
tist

Sample Output 1

t stri

Sample Input 2

codeforces
fore

Sample Output 2

efor

- Given an array of numbers, find the number of inversion pairs. An inversion pair satisfies $A[i] > A[j]$ and $i < j$.

Sample Input 1

5
2 4 1 3 5

Sample Output 1

3

- Given a string and a number k, you can only make upto k character changes to the string so that the resulting string maybe lexicographically largest palindrome.

Input :

abca 1

Output:

acca