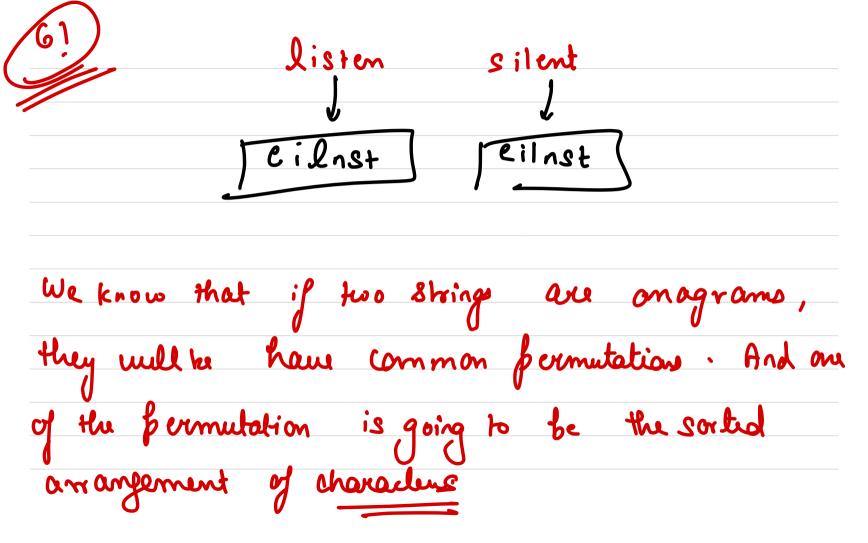
Anagram -> Two strings are called Anagramo of eachother if they are permutation of each other. LISTEN, SILENT SILENT ABC + BAC

Des Criven two strings, write a program that det vids whether they are anagram of each Other or not ?? ER RACE, CARE SANKET, SAMYAK -> FALSE

Brute force => If two string are fermutation of each other they're called anagram, so, we can generate all the permutations of the first string and check whether any one of them matches the Second string. ABC
ACB
S!
SI
BCA
CAB (ABC, BAC)

How can un optimise?? ( CAB BAC) CAB BAC CBA BCA CAB BAC CBA 4CB Pur permutation in which the string



Care, race -> line > 0 (nlyn)

acer acer

Det's sont both the strings by chars, and check whether the sorted strings are Same or not.

Can un optimire more on time ?? -> If two strings are anagram of each other ) they well have Same length eharaders: i.e. if one strig has 2 d's the other should also have 2 d's. Can we try to detect the fact that characters Ou same in both Strings ?? , S2: KEEN SI= KNEE

J K KO

N-1

E-24

Char L > frequency Key-valy SIEKNEE -> We will prepare a folguency nappy of 5: -> then for each character in S2, check if we have that char in the mappey of s1. I's not reduce the frequer as we got the chave: KNEEK

N:1, JE

ľ



012343		
ICNE 4E D		
1 4 -1 0/14	k : 1	
1=0 x x 3 4	W:/	
	E: 1/2	
	A:1	
	<u> </u>	
	J	