49. Group Anggrams

ex

i/p > Stxs=["leat", "teq", "tan", "ate", "nat",

"bat"]

olp > [["ate", "eat", "tan"], ["ate", "eat", "tea"]

Approch-1

Reading the letters of the string such that if two strings are sume the we can check easy

Le most obvious recoveragement to make all some characters stoing some is

1) toot the String

ate tea att be in forted both order.

Just Just Just order.

These two

are anggran

57019 tan ate vector < string >> group Anggrams (vector < string >> & stris) univoluted-map < stoing, vector< stoing >7 mp; for (auto s: strs) stoing original_str = s; Sort (s. begin(), s.end())) MP[s]. pysh-back (original-str)) vector < vector < string > 7 anggrams; for (auto it: mp) anagrams. push-bard (it-second); = O(n Klog(K)) return angragms)

Approch-2

The only segion to sort the ilp string is that we want to convert ilp string as some king of value or string or ked sucher that for others string or ked sucher that for others.

The other thing we can do is we can get the frequencies of changeten from ilp string & store it in vectors int 7 freq;

< 1,0,0,1 - 7 mm

8 for other string if two string have same frequency as vertor thin they have to be anagram.

No-le: If we want to make a vector sixty

as own key tun se have to use: 9

map

T. C. = 0 (1994) - for insent & update.

of or if we use an unordecord-map ten we have to explicitly write the hash for for the vertor sixt?

Imp? Rather Using vector xint 7 - Prequency we convert the Arequency vector to a string so that we can directly use this string as key in unordered map

"1#0#0#0#1# ---- II

"1#0#0#0#1# ---- II

Johny we are virig ##

This # is act as desimeter 6c2

in the original string if frechery of

character like frez [a] = 12 then we can

12#0#1#

easty seperate for characters's

frequency.

J-T.(.=0(n*k) S.(.=0(n*k)