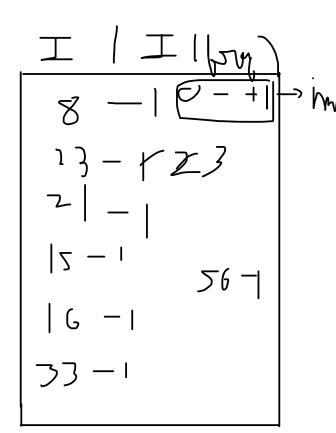
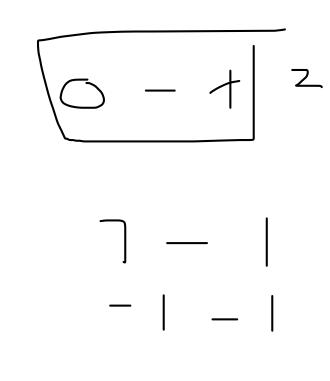
Count Of All Subarrays With Zero Sum

Sum(i,j) = pre[j] - pre[i - 1] = 0
$$pre[j] = pre[\underline{i-1}]$$

if (map.contains(pre[j])) --> record ans

ans = ans + map.get(pre[j])
$$\left[- \right] + 2 = 3$$





Find All Anagrams in a String

Anagrams --> permutation of char in string

example:

str = coding

docing iocdng

s: cbaebabacd

p: abc

anagram of p:

abc

acb

bac

bca

cab

cba





s: cbaebabacd

p: abc

c baebebacd

2i €!

matchCount++ --> pmap.contains(chei) &&
smap.get(chei) < pmap.get(chei)</pre>

-aquire --> till window len < p.length()</pre>

Record ans --> matchCount == p.length --> add si + 1 in list

Release --> till window len > p.length

remove from smap and decrease matchCount accordingly

マ ロ - 1 ら - 1 C - 1 5 6-10 9-1

matchCount -

(record char match in current window from p)

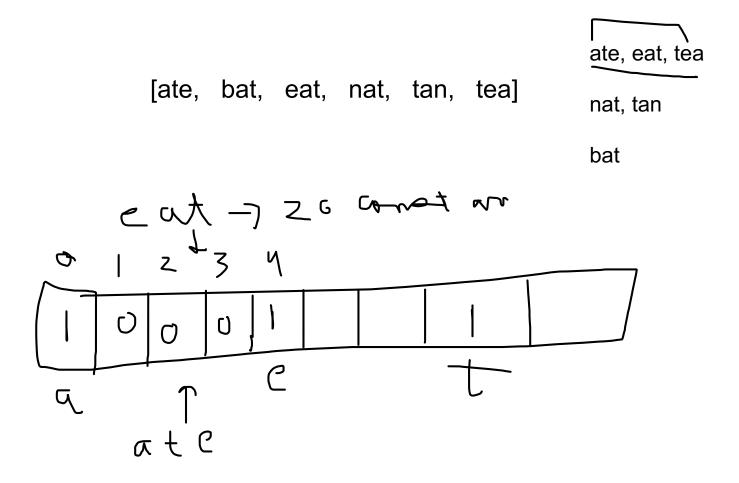
window = ei - si

) -

else: reseting to original values

matchCount = 0 smap = new HashMap si = ei ei++;

Group Anagrams



[ate, bat, eat, nat, tan, tea]

Make 26 size constant array -->

Convert this arry in equivalent hashed string --> store in HashMap

