count of substrings with exactly k distinct chars. > count of ss with admost 12 distinct - count of ss with atmost 12-1 (1,2) extra colorat er

distinct char

exactly 19

K = 2 0-1 SS with atmost

2 distinct char

bab ab

bc c

ca a

ad

ad

1

bab c aloc babca Wora bca cad 85 with substoing with with admost exactly atmost 2 distinct distinct char char

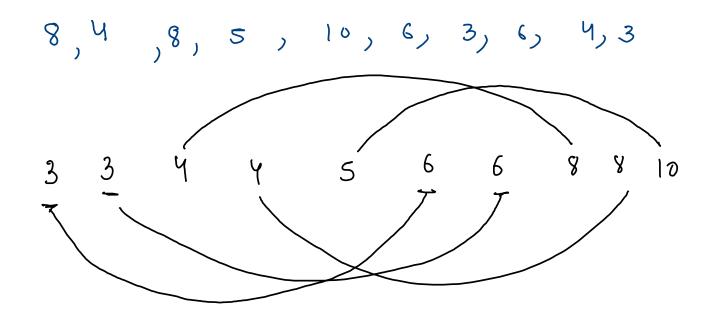
K disti-al

chars.

954. Array of Doubled Pairs

Given an integer array of even length arr, return true if it is possible to reorder arr such that arr[2 * i + 1] = 2 * arr[2 * i] for every 0 <= i < len(arr) / 2, or false otherwise.

$$anx[1] = 2^*anx[0]$$
 $anx[3] = 2^*anx[2]$
 $anx[5] = 2^*anx[2]$



5-x0 6-220

8-240

10-10

3-220

4-210

(i) Sorting based on absolute value

(i) Sort array on absolute value value sort.

(ii) Jor - ue region did arrivale

(case: odd)

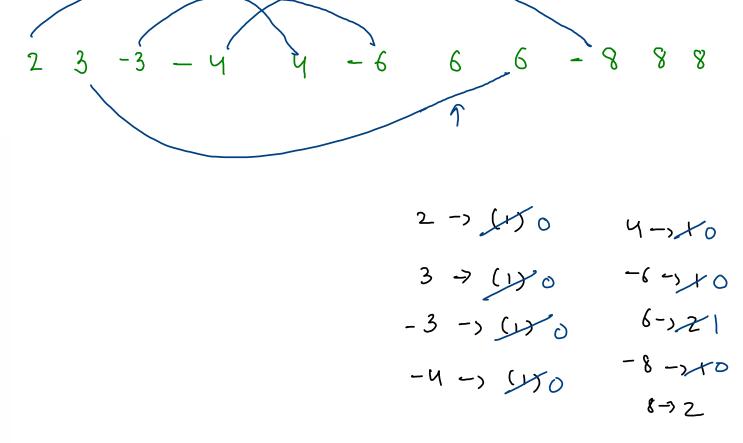
(iii) Segregate: tre L->R 7

dind 2 tari(i)

6, -9, -4, 3, 8, 0, 6, -5, -10, 8, 12, 4, 16, 4, 2, 0, 3, 6 6 78x20 - 5 ->20 -8 -> X O -10 -> 20

-8-20 -4-20 3-220 3-220 4-220 8-220 8-20 0-20

```
for(int i=0; i < arrI.length;i++) {</pre>
    int e1 = arrI[i];
    int e2 = 2 * arrI[i];
    if(e1 == 0) {
        if(map.get(e1) % 2 != 0) {
            return false;
        continue;
    if(map.getOrDefault(e1,0) > 0) {
        int f1 = map.getOrDefault(e1,0);
        int f2 = map.getOrDefault(e2,0);
        if(f2 == 0) {
            return false;
        map.put(e1,f1-1);
        map.put(e2,f2-1);
```



914. X of a Kind in a Deck of Cards

(i) No. of group can be anything (ii) no of dements in one group should same among

all the groups.

(lii) dements in a group should be same.

gcl -) I (not possible)

2 2 2 2 4 4 4 4 4 4

3 3 3 3 3 3 3

2 - 4 4-6 3-8

gcd (4, 6,8) -) 2 gra (all Jrug,)

