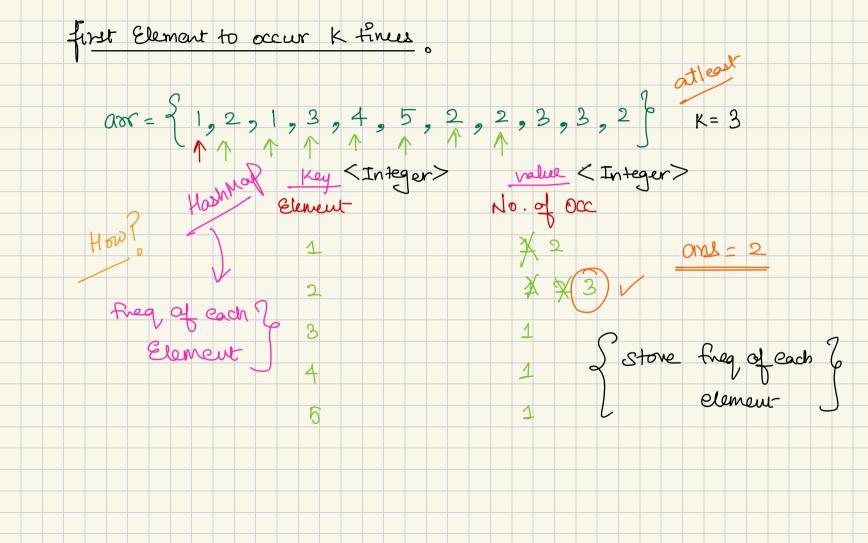


o Basics of Hashings o bosies of Most Nop o bousies of Housest o Entre level questions o Employee & navager o Problem with a given differ o Array Pair chrisible by K



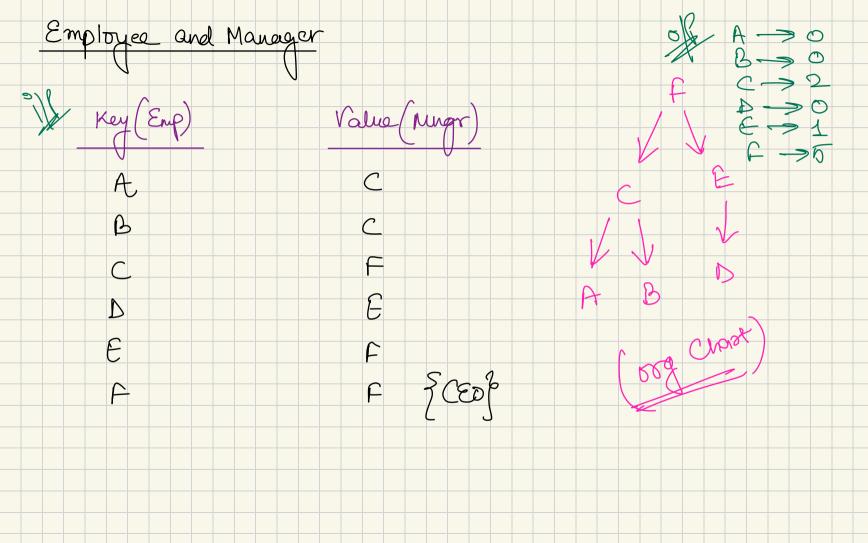
Missing Numbers 1) Extra Clement in arrang 2 (2) Common Ele with different Valid Anagrams. What are anagrems] Stanger = Ocica String Str1 = 4 accio these strings are anagranic to cach accio same anagrany Soot stongs birectly X 5001 Charr TC: o CNlog N) SC!OC1)

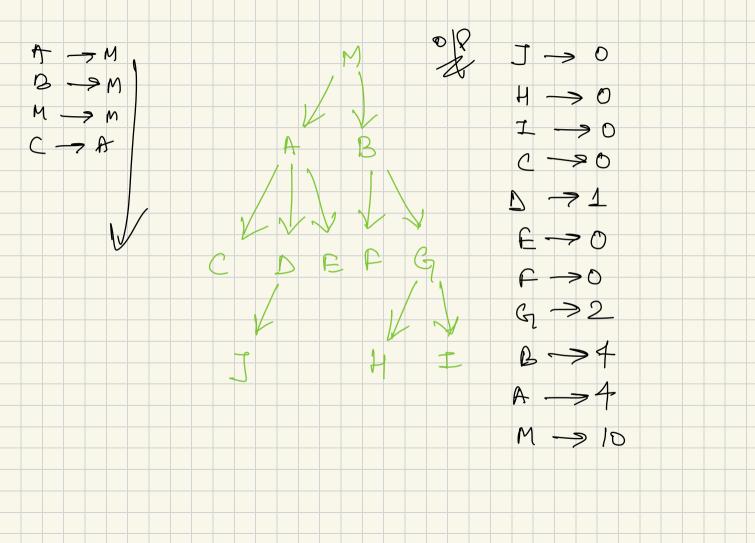
map of each char. ocica accio anogramue

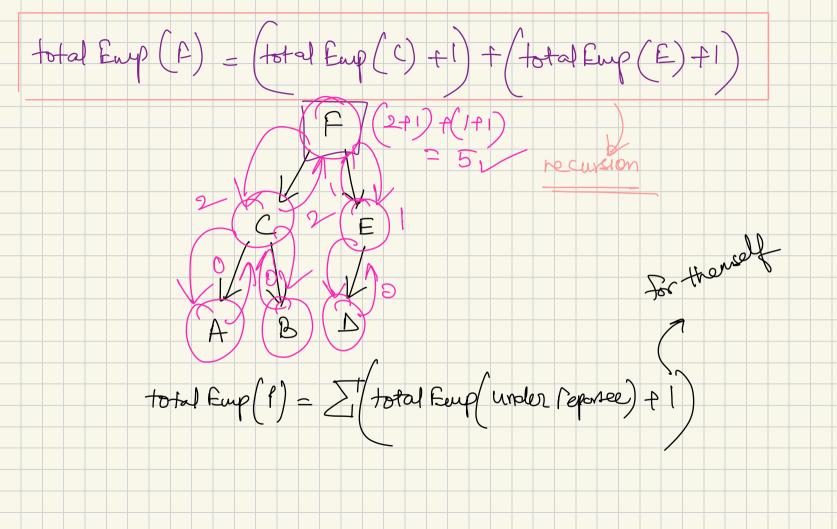
Better am =

char ch =
$$\begin{vmatrix} c \\ \end{vmatrix}$$

$$= \begin{vmatrix} a \\ + 2 \end{vmatrix}$$







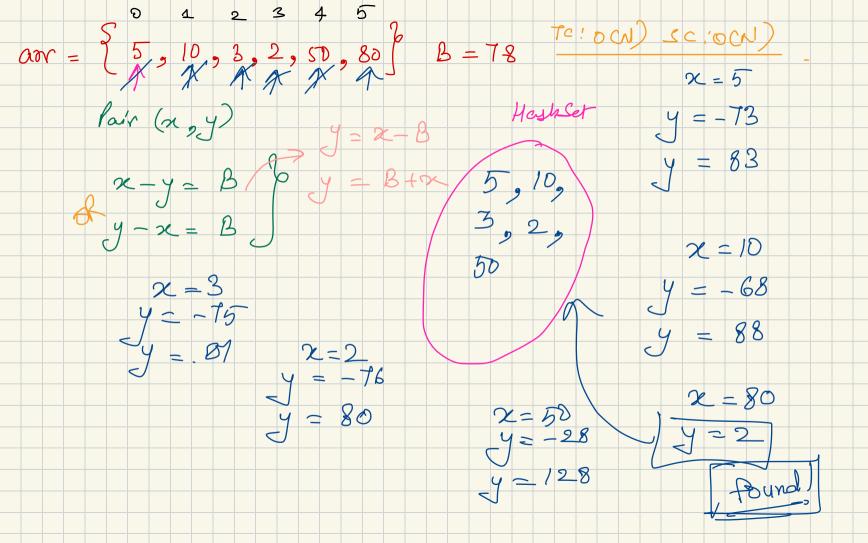
direct reportee Knowledge. Hashrap List of Directs Mngr CED = F

o Create direct reportee Hash Map

o identify the Ceo.

o recurring find the no. of Emp under Each Emp

Problem with a given difference int[] on = \$ 5, 10, 3, 2, 50, 80 \ B = 78 Pair(n, y) Brule Porce hasted hoop (TC!OCN) SC!OC1) $om = \{2,3,5,10,50,80\}$ B = 45 sooting will not work



Array Pair Divisible by K ant [] anv = { 1,2,3,4,5,6,7,8,9,10} k=5 (N/2) such pairs where sum of each pair is divisible by Note you can use each de only once. (9,1), (2,3), (4,6), (5,10), (7,8) 10 5 10 15

int[] arr = { 1,2,3,4,5,6,7,8,9,10} K=5 (2,y) E (2+y) divisible by K

