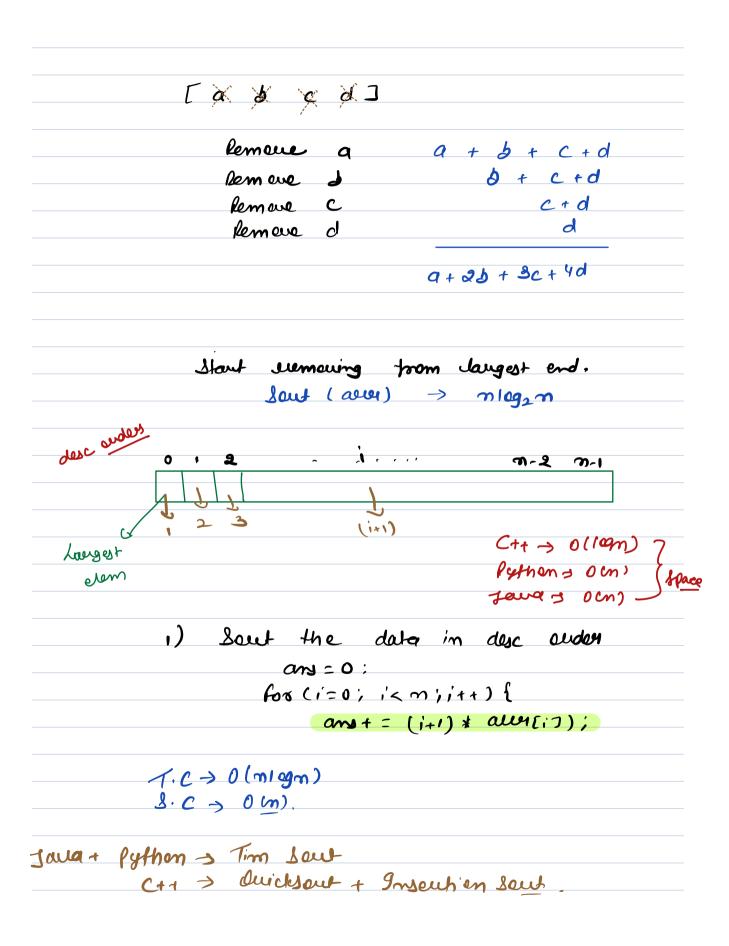
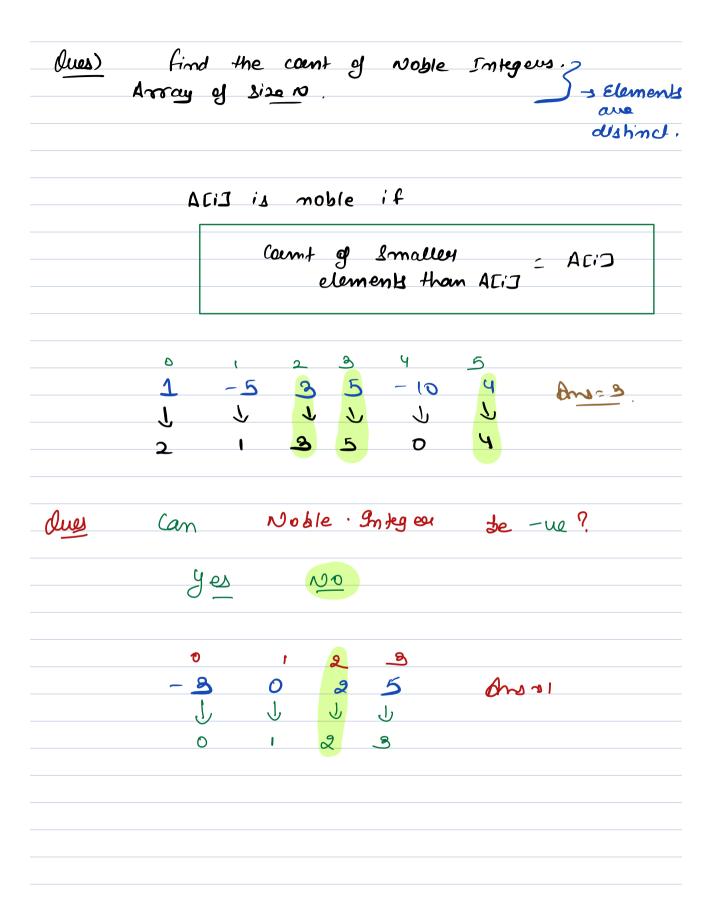
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-> Comparater.
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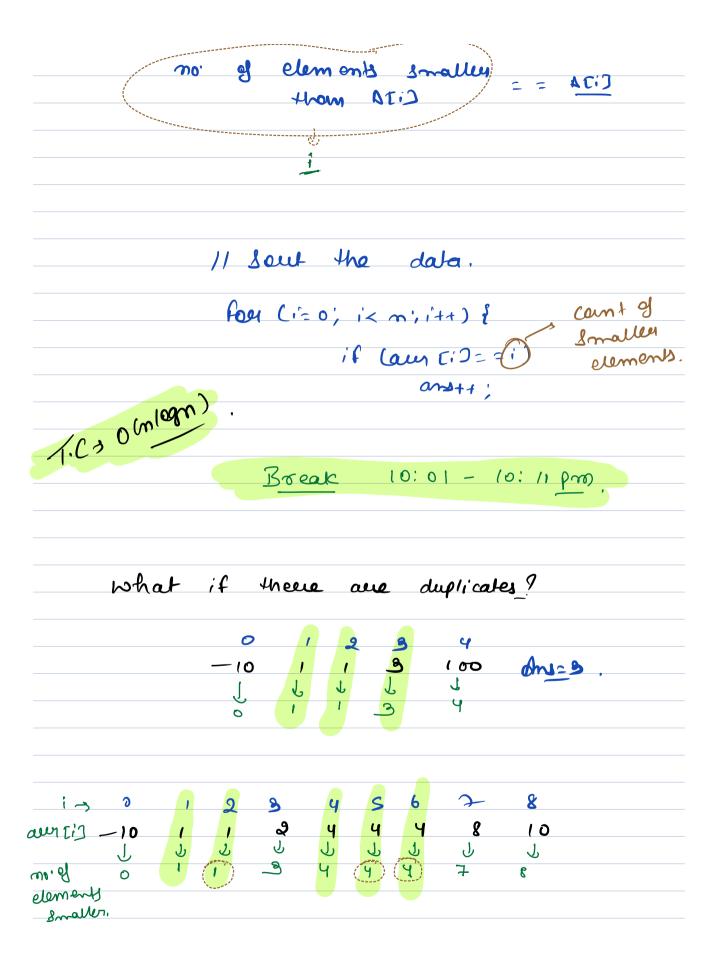
accesses of Nintegers: you have to delete all the elements from the aroray, you have to pay some cost for every deletion. Cost: Sum of all elements left in the alway. find the min cost. A: [2 1 4] -> [4,2,1] delete 1 2+1+4 => 7 delete 2 2+4 3 6 delete 4 4 => 4 delete 4 4+2+1 => 7 delete 2 2+1 => 3 delate 1 2) A: [3 & A X] -> L 6 Y 8 delete 6 = 3+6+2+4 => 15 delete 4 = 4+2+3 => 9 delete 3 = 3+2 3 5 delle 2 = 2 3





Baric gdea :for every element count Smaller elements. 0 = cm0 for (i= 0 -> m) { cnt = 0', for (2=0; J< m; J++) & 1,c > 0 u). (C) 10 > C27 MO) 71 Cm+++; if (cn+ == aur [i]) and++ 9dea 2 :your the data (asc); i clam ents ans Enally one. 3 (Eiza ==i) ti andth 3 i (= 1+(0)-(1-i)

aur []=

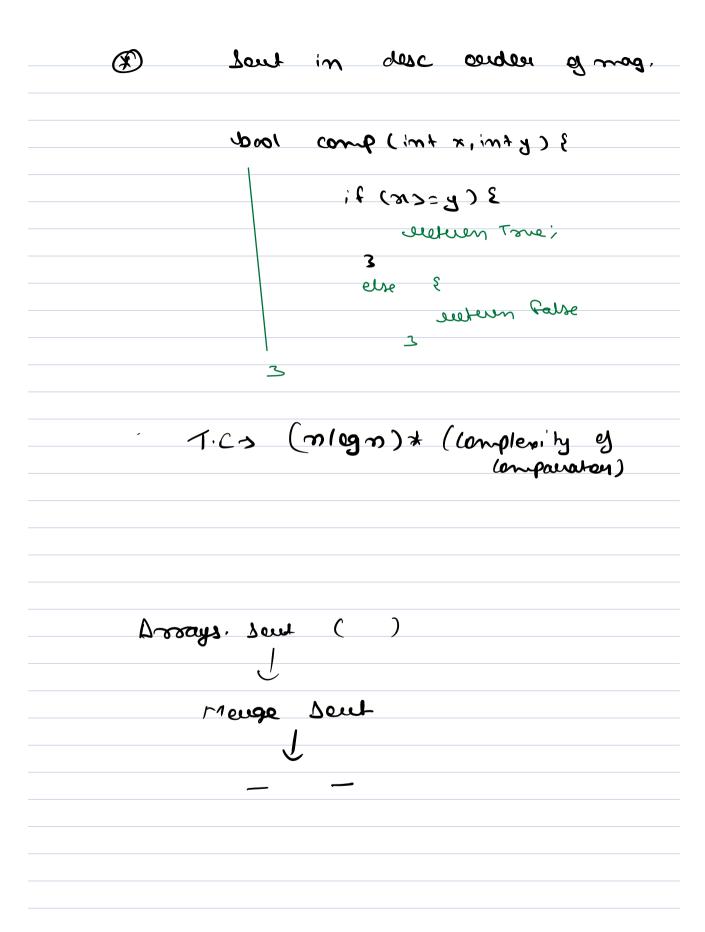


```
12345678910
                              12 13
                           11
      10 14
      1 Sout the data
          cnt=0; -> count of Imally elements.
            if ( aw [0] = = cm) }
                 ans++',
              3
            for (1=1; ism; i+1) {
                  if (auti) != auti-13) {
                      cnt=i
                  if (cnt = = aun [i]) &
             3
1.C3 O(n1092n)
8.C 3 O(ns).
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		if (	Coint Sout	on t	actous he	is basis	equal g	meg	en
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	ەك	u ()	<i>→</i>	By de	Jault	· , · · o•	<u> </u>	udly Ignife	g de .
	Comp	യ്ന'ന്ദ	tens	eleme	<u>wb</u> .				
	lo	mpana	<u> </u>	) few	vchi <u>om</u>	,			
		Som	t (	P ,	J	/ (	_) (o	npou	valey.

## 5 T.C.s (mlogn) \* 5m bool comp (int or, int y) &

	3001 311 ( 1111 3) ( 1111 3) (
if first augument	
should come	int contac count-factory (31); (Jn)
tisks in	int onty : count_factous (y); (5m)
souled	
data	$if(cntsi < cnty)$ {
1)	return True;
Juleun	3
Toue	else if ( cnt s1 > cnty) {
else	refuen false;
sufun	<u> </u>
Palse	else {
	;f (a<= g) {
	relse &
	-else ?
	Jestien False;
	3
hew to	unite comparator for -?
	<u> </u>



Selection sout S, 10, 1, 9, 3 ->  $m^2$ 1, 3, 9 5, 10, 1, 9 3 if (corporis coursis ones) }

ig ( 1, 2, 3, 4, 5, 6 1, 2, 3, 4,5 1, 2, 3, 4,5,6 1,2,3 \_1)\_ guero aga daden Pereur Enperiences.

