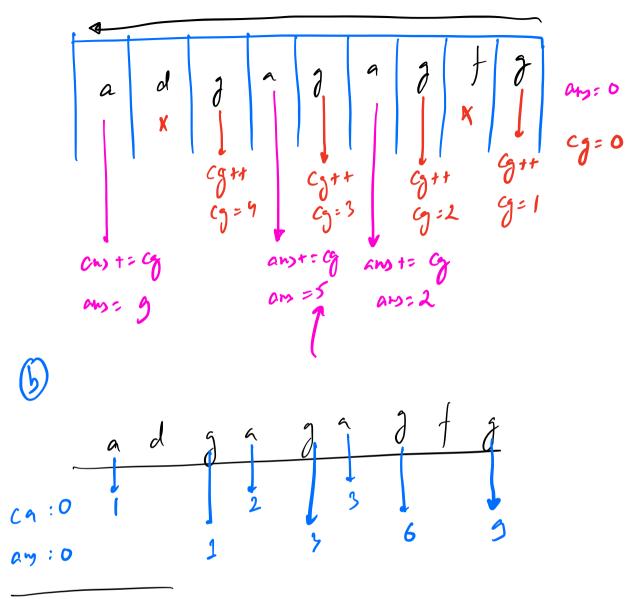
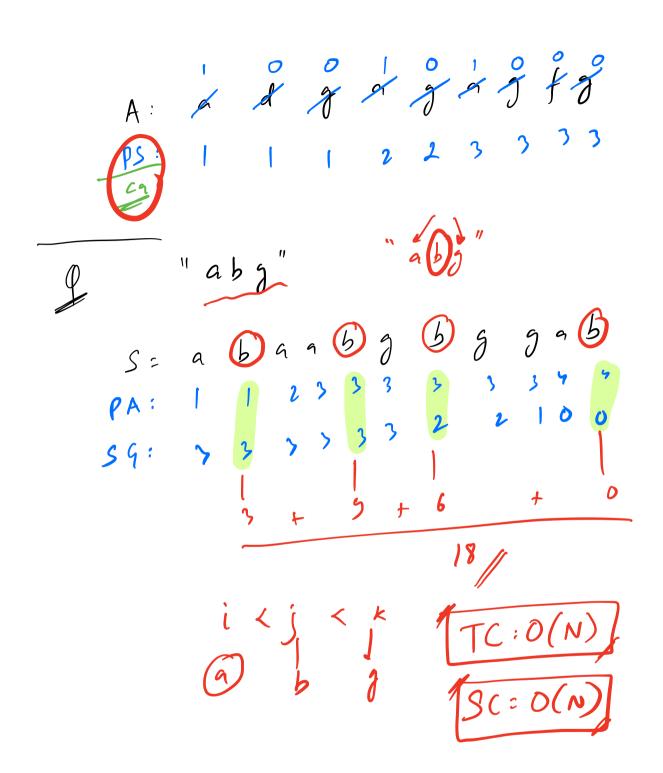
Carry Forward Count pairs "ag".

Given a string, calculate the no. of pairs (i,j)

Such that i<j & & S[i]=='a' & & S[j]=='g'. S = b a a  $\frac{1}{2}$  d c a  $\frac{1}{2}$   $\frac{1}{2}$   $\frac{1}{2}$   $\frac{1}{2}$   $\frac{1}{2}$   $\frac{1}{2}$   $\frac{1}{2}$   $\frac{1}{2}$ f(i=0;i<N; i++) { f(j=i+1)j< N; j++) [ if (A[i]== 'a' & x A[j] == 'g') [ cut++; TC = O(N2) Sc = O(1)





Given an array A. Find the no- { leaders in the array! An element is a leader if it is greater than all elements on it's right! NOTE: A[N-1] CM=U

f(i=0; i< N; i+t) {

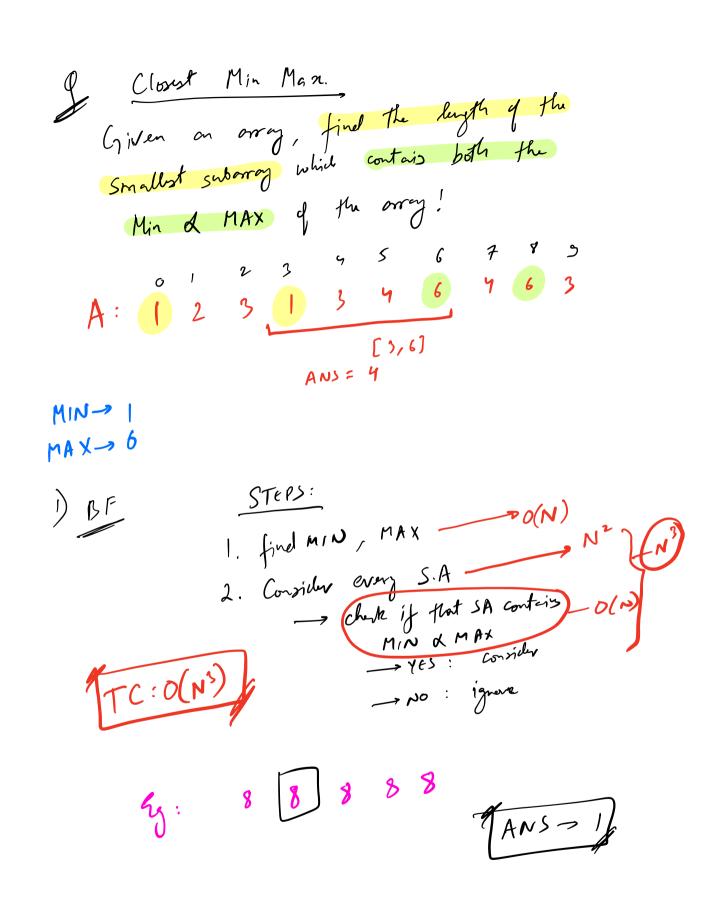
TC: O(n)

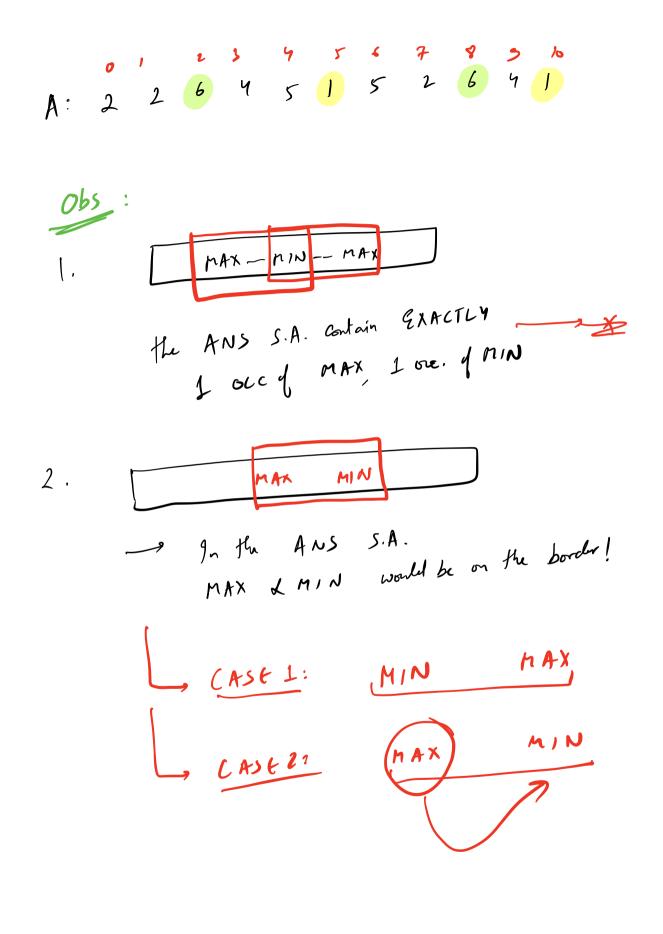
maxi = -00

f(j=i+1; j< 0; j+t) {

maxi = man(many A(j));

mani = man(many A(j)); if (A [i] > mani) {





3. 
$$\min_{x \in \mathcal{O}} I = 0$$

$$f(i=0) \times N(i+t)$$

ans = 00  
min 
$$I = man I = -1$$
;  
 $f(i=0)$ ;  $(x, N)$ ;  $(i+1)$   $f(i+1)$   
 $if(A(i) = = MAX)$   $f(i+1)$   
 $if(min I) = -1)$   $f(i+1)$ ;  
ans = min (ans, i-min I+1);

