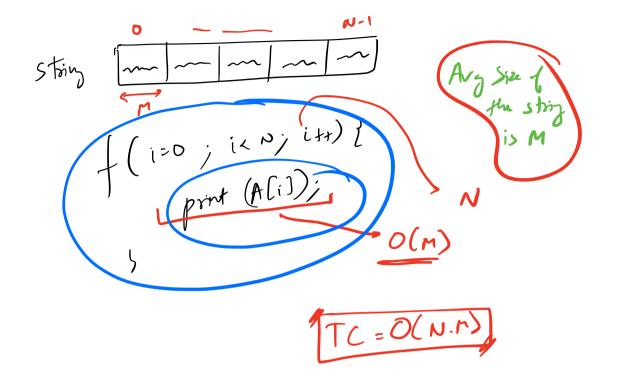
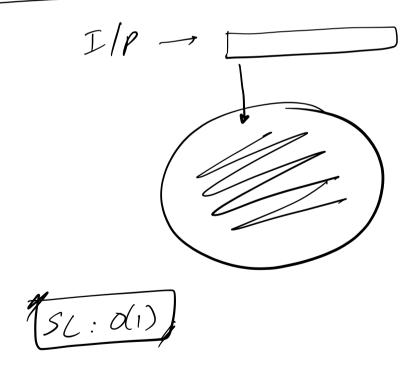
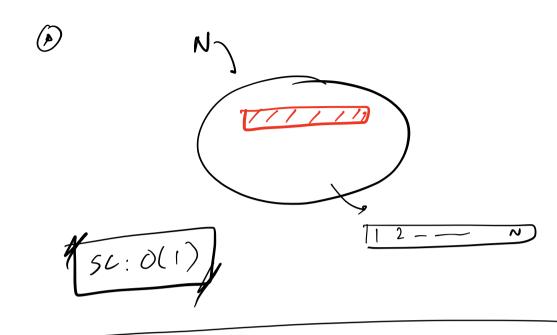
Arrap Linear D.S. ص ا int A[100]; datatpe None Size! int A[N]) N-1 A[2] = 5 -> put 5 at inder 2

print (A[2]) -> print valut inden 1. Given an arry of six N. Print the entire array! Print (A (6))

(A (1)) - (A (1)) - (A(5)) - (A(47) N x 0(1) f(i=0; i< N; i+1)[
print(A[i]); TC: O(N) bA+7--6417



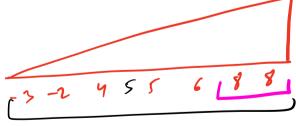




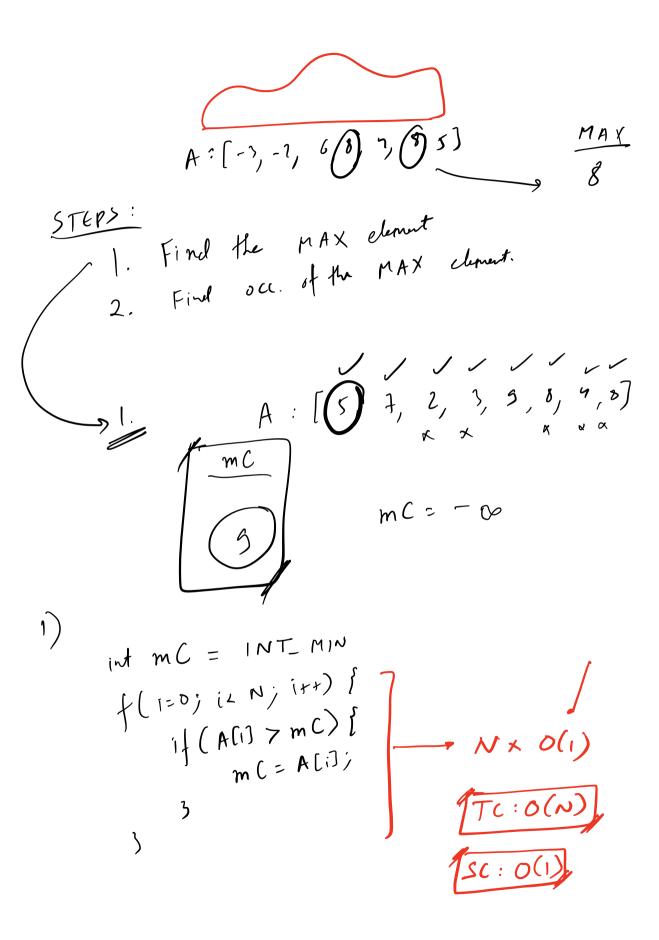
I Given N elements -> Arroy.

Count the no. of elements having athers I element greater than itself!

 $A = \begin{bmatrix} -3 & -2 & 6 & 8 & 9 & 8 \\ 5 & 5 & 5 & 7 & 8 \end{bmatrix}$



ANS - N- # ou. of MAX element



2.
$$int cut = 0;$$

$$f(i=0) i < N; i+t) \begin{cases} 3 & 5 & 2 & 2 & 5 & 4 \end{cases}$$

$$if(A(i) == mC) \begin{cases} ct & f(i=0) \\ cut + t; \\ f(i=0) \end{cases}$$

$$f(i=0) \begin{cases} ct & f(i=0) \\ ct & f(i=0) \end{cases}$$

I

mc = -00

cut = 0

f(i=0; i(N; i++))

if(A(i) 7 mC) {

m(= A(i);

cut = 1;

}

elx if(A(i) == mC) {

cut++;

}

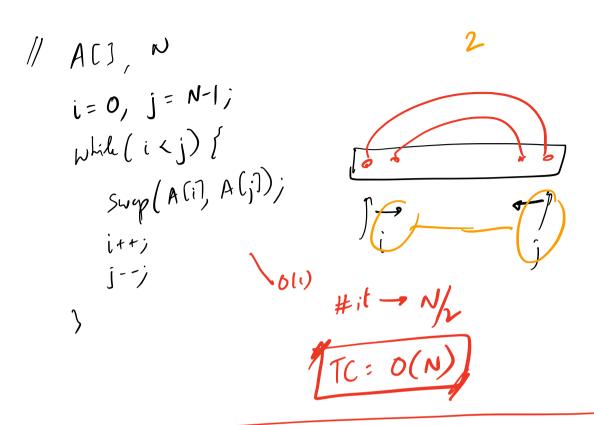
ANS

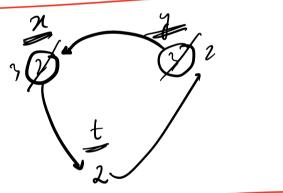
N-cut

Given a array of size N. & K Check if there exists a pair (1,5) Such that' A(i) + A(j) == K & d i!=j $A: \begin{bmatrix} 3 & -2 & 1 & 2 & 3 & 7 & 5 & 6 \\ 3 & -2 & 1 & 1 & 1 & 1 & 7 & 7 & 6 & 8 \end{bmatrix}$ $(i,j) \rightarrow (3,5)$ A: [2, 4, -3, 7] K=8 (0,1) (0,1) (0,1) (1,0) (1,1) (1,2) (1,2) (1,2) (2,1) (2,1) (2,1) (2,1) (2,1)

17C:0(N2)

J Given an Array. Rusers it! IN PLACE 1 4, 7, 6, 2, 7, 8, 10 A = 7 4 7 2 8 10 4, 7, 8, 10] = 0



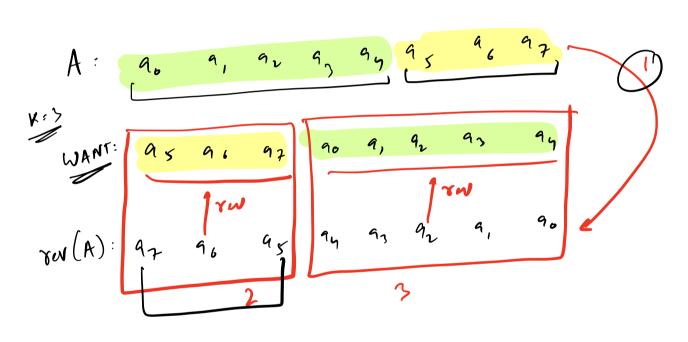


Given en Arry. Reven the Subarry [L, R]. - 12 3 4 5 6 -) - 6 5 4 3 2 1] TC:0(N) l (icj) {
Swp(A(i), A(i));

TC: O(R-L) i= L) j= R; while (icj) {

Givn an Array.
Rotale the array from lost to first K times K = | K = 2 8

N-1 After Krot.



- Stips
 1) A --- Rev (A)
 2) Rev the first K clements
 3) Rev the last N-K clement

