

Given a 20 orray! Find the sum of clements of the 2rd row! 2 (2,0), (2,1) (2,2) ··- (2,11) 1 + 1 + --+ 5UM"O f(j=0;j<n;j++)f Sum += A[2](j]; TC: O(n)

			-		1 10
0	2	5	7		7
•	- 2	8	2 -	ا د	3
v	\ <u></u>	6	9 -	-9	12
3	2	2	2	~	6

y (uns) third

TC = O(NM) SC = O(1)

Given a metrin A[N][n].

Find the MAX column sum!

ANS = -0

f(j = 0; j < n; j ++) {

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

Sun += A[i][j];

N-1

Y

ANS = MAX(ANS, Sun);

So

N-1 So S, Sz. Smi, MAX

TC: O(Nr)

or ANSI

SC= 0()

Given a 20 array of size NXN

point the diagonal value

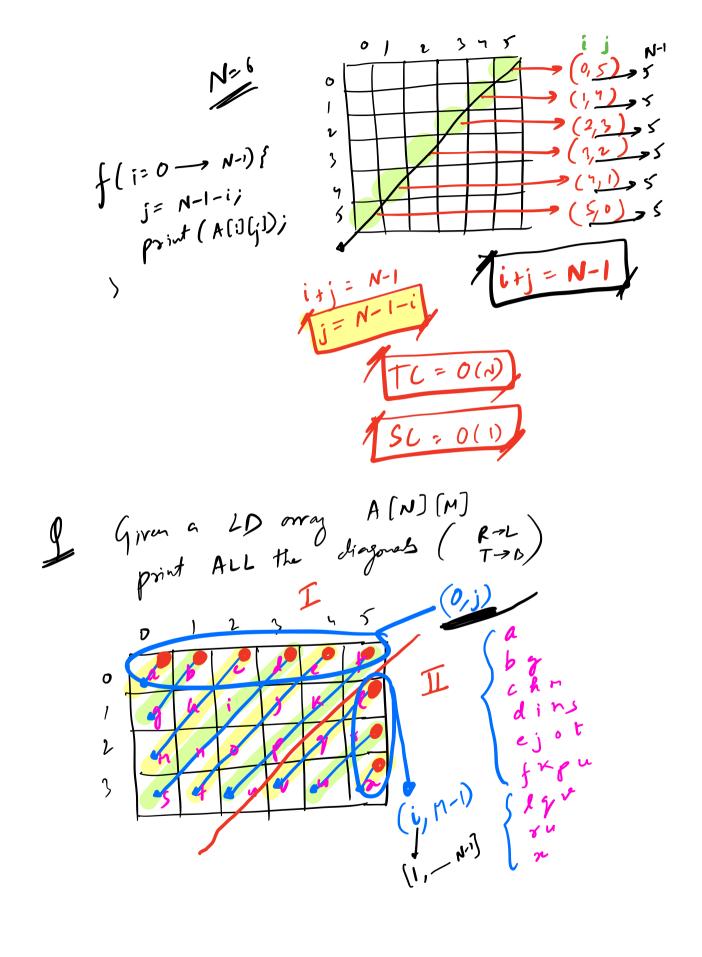
(i==j) A (0,0) f(i=0->N-1){
f(j=0->N-1){
f(j=0->N-1){
print(A(i)(j));
} (N-1, N-1) N-1 TC = O(N2) (i,i) (0,0),(','),(2,2) (N-1, N-1) f (i= 0 -> N-1) f

print (A [i] [i]); TC = O(N)

9SC=0(1)

NXN 20 org of size Givm a the diagonal values (0, N-1) 0 g(2,1) g(N-1,0) N i= 0 j= N-1 while (i < N * + j = 6) {

print (A(i) (j)); Y 5 TC = O(N) 50=0(1



$$f(j=0, j< n, j+1)$$

$$I=0, J=j;$$

$$Visit(I< n * kJ = 0)$$

$$I=1$$

$$I$$

