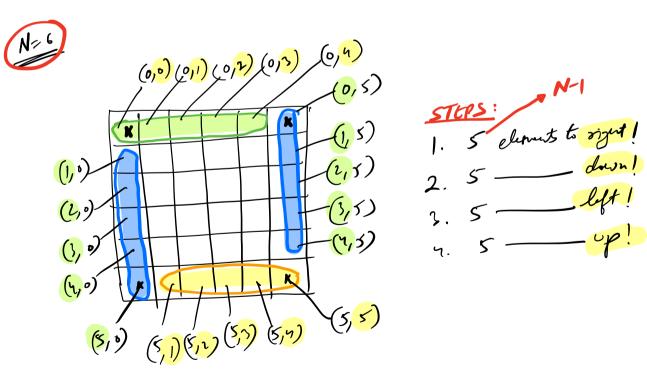
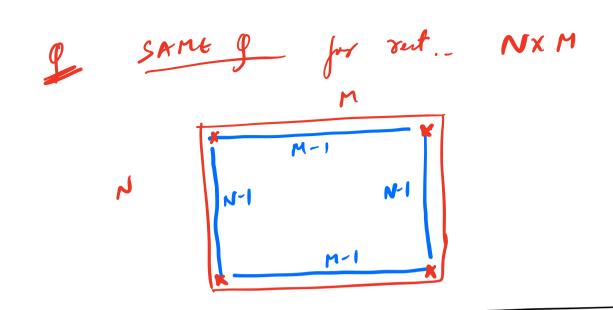


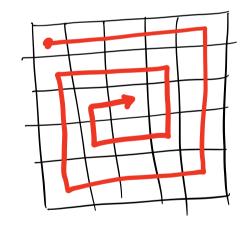
0/P - 1, 2, 3, 4, 5, 10, 15, 20, 15, 27, 23, 23, 21,
16, 11, 6

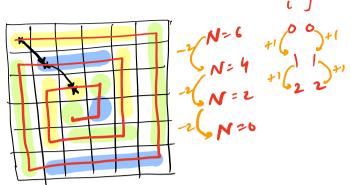




Given a NXN matrin.

Point it in SPIRAL fashion!





i=0/ j=0/ while (N71) {

f(K=1; K<=N-1; K++){

print(A[i][j]);

j++;

}

f(K=1; K<=N-1; K++){

print(A[i][j]);

i++;

f(K=1; K(=N-1; K++){

print(A[i][j]);

j--;

f(K=1; K(=N-1; K++){

print(A[i][j]);

i--;

} N=N-2, i++, j++;

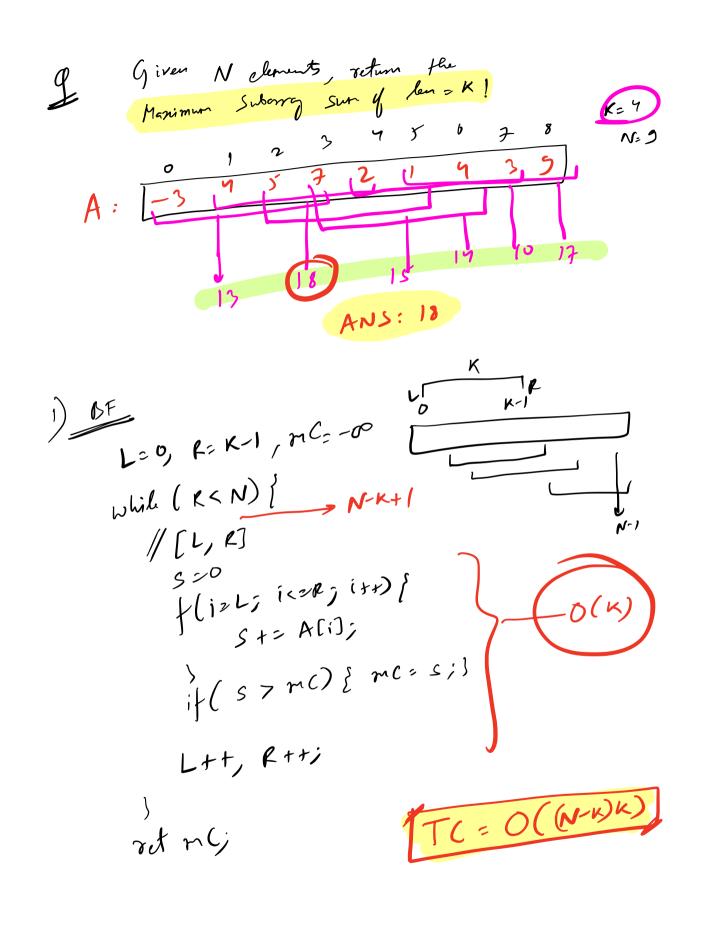
T (= O(N2) Sc= 0(1)

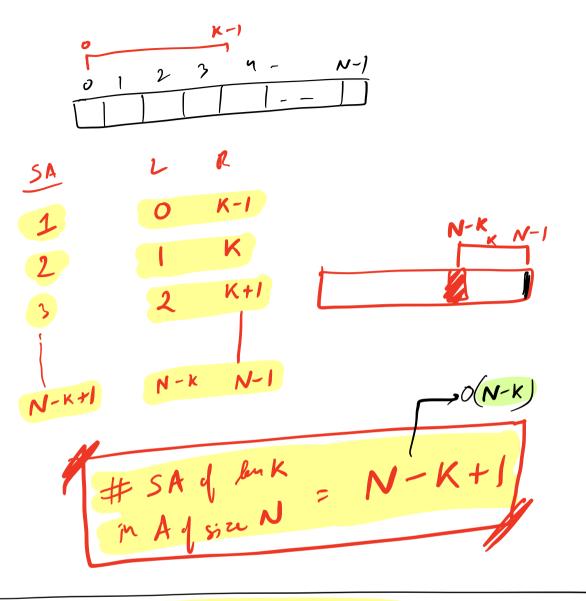
0

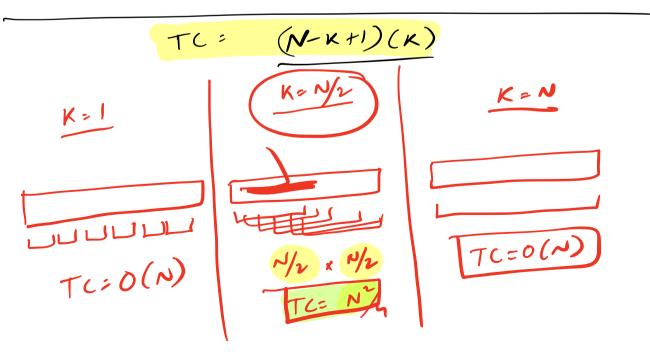
→ if (N==1) {

Print (A [i][i]);

Z







I Prefix Sums 1. Bulid pu PS Arry 1 2. L=0, F= K-1, mC=-0 while ( K< N) { N-K+1 /[L, R] S= ps[r]-p>[L-1]; if( 57 mc) { mc= 5;} L++, R++; rd nc N+N-K+1 SC=O(N) TC=O(N)

SLIDING WINDON K= 6 A 5-(-3) +8 5 Itanto sum = Sum - A[0] + A[6] sun = sun - A[i] + A[7] 7 sm -A[2] + A[8] -A(3)+A(5) 8 5 4 Sun = sun - A[L-1]+A[R]

