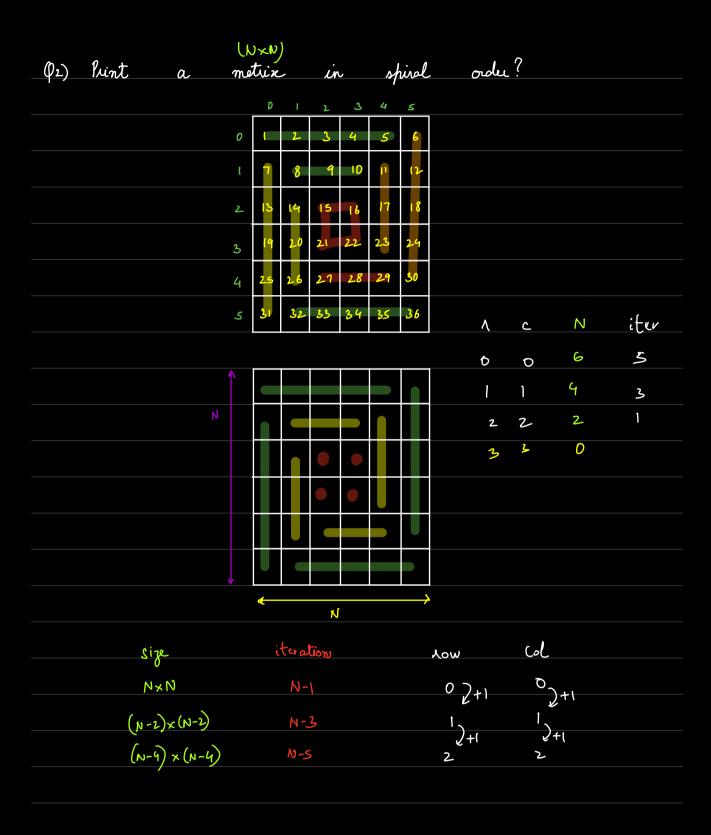
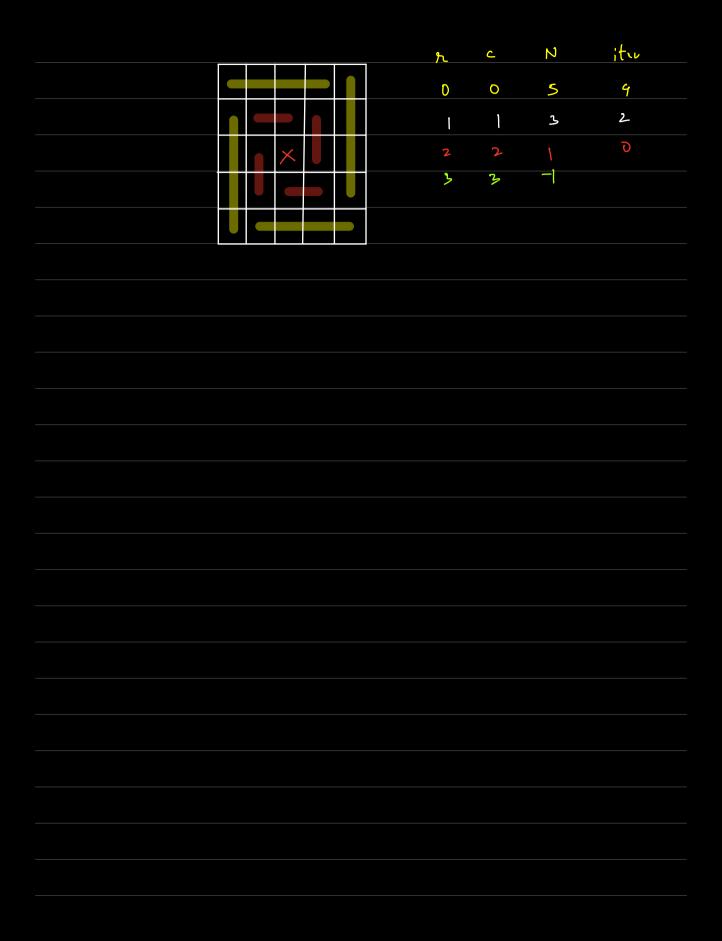
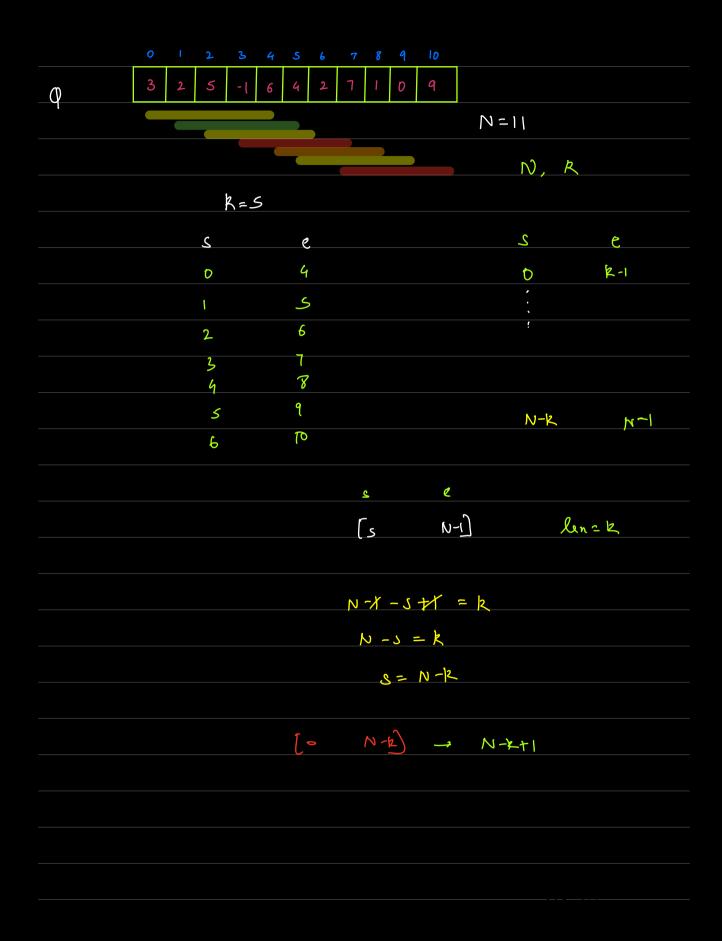


Morte	Const	
Meta,	000 100	



```
TC: O(N2)
 200=0 Col=0
                                     SC: 0(1)
while ( N>1) {
     for (i=1; i<=N-1; i++) {
            print (Alrow) [w])
             Coltt
      for(i=1; i <= N-1; i++) {
            paint (Altow) [col])
             1000 tt
      for (i=1; i<= N-1; i++) {
           paint (A [row] [w])
            col--
       for (i=1; i <=N-1; i++) {
           print (Alfon) [col])
            40w --
       howtt
        Col++
         N= N-2
  if (N==1) & print (A[ROW) [60])}
```





First subarray of size k [0, k-]
Last subarray of size k [0, k-]
Total no. of subarrays of size k > N-k+1
T B F 8°
Beak (10:49- 11:00)

Q3)	Given	an .	array	find	number	of	subarrays	of
	length	<u> </u>						



S = D e = k-1 S = D e = k-1

() 4)	Find	mex	sum	subarray	for	all	subari	ays of	size=k
	N= 9	<u>k</u> =	4						
	§ 5	3 -	z 3 ·2	4 6	5 2 -	5 7 I 4	8 3 }		
		S		c	SI	ım			
		0		3	-	T	Αγ	ls : 11	
				4		3			
		2		5	7	1			
		3		6	3				
		4		7	11				
		5		8	8				
		S = D	e =	k-1	max.	Sum = -	Þ		
			(e <= N-						
			uint (s, i						
		,	sum = 0						
		_	Sum	(A[s:e])					
	for (i=s; i<= e; i+t) { Sum = sum + A[i]								
			3	JUW =	sum T	71(5)			↓
			mar su	m= ma	x (max	(Jym j	tum)	P.	farroy
		3							TODO

New approach

N=9 k=4

2(5) 3 (2) (1) (6) (2) (1) (9) (3)

S=0 c=3 (Iterate & Calculate the

sum = 7

sum

s=1 e=4

subtracting A[9] and adding A[4] Sum = 7 - 5 + 6 = 8

subtracting A[i] and adding A[s] Sum = 8-3+2 = 7

S= 3 c= 6

subtracting A[2] and adding A[6] sum = 7 - (-2) + (-1) = 8

S= 4 e= 7

subtracting A[3] and adding A[7] Sum = 8-1+4= 0

S=5 C=8

subtracting A[4] and adding A[8] sum = 11 - 6 + 3 = 8

	Sum = 0 , max sum = -0							
2	for (i=0; i<=k-1; i++) {							
	sum = sum + A(i) (k, N-1)							
	marsum = mar (marsum, sum)							
	s=1 e=k							
	while (e <= N-1) {							
N-k	# index I am gaining → e # index I am losiny → S-1							
	# index \(\Siny \rightarrow S-1							
	sum = sum + A[e] - A[s-1]							
	marsum = mar (marsum, sum)							
	3 S++, C++							
	ritun max sum							
	TC:Ob)							
	sc. a)							
	- i J len-							
2								

φ_{s}	Given	an arro	y of	size N	and	a	number	B
		min						
		all						
		togethu					V	
		0				B=	5	
	Δ: 3	3 1 10	12. 14	2 1	5 3			
	П. (10 11	<u> </u>				