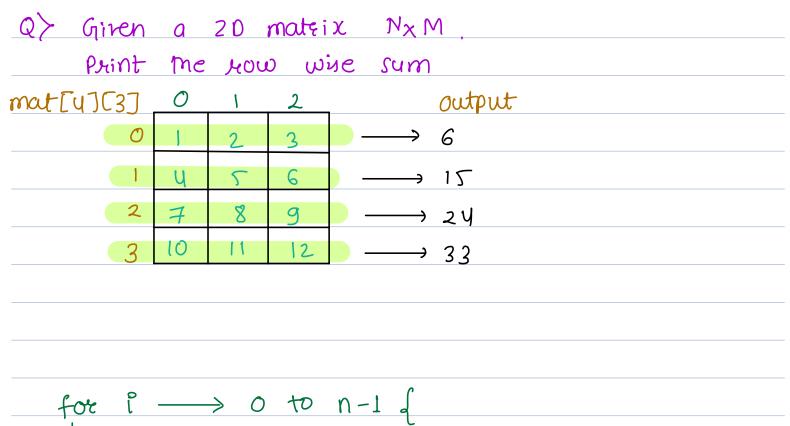
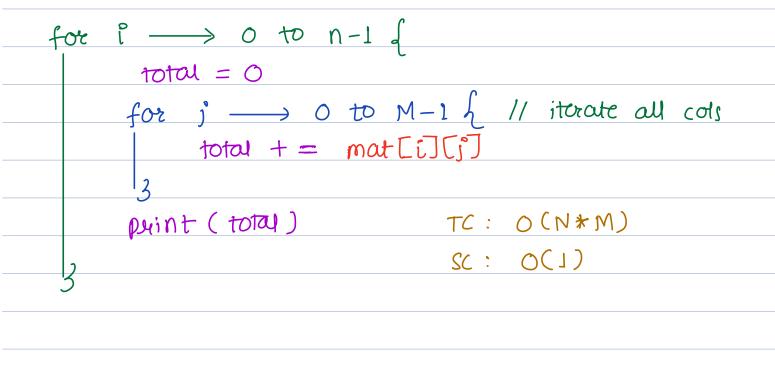
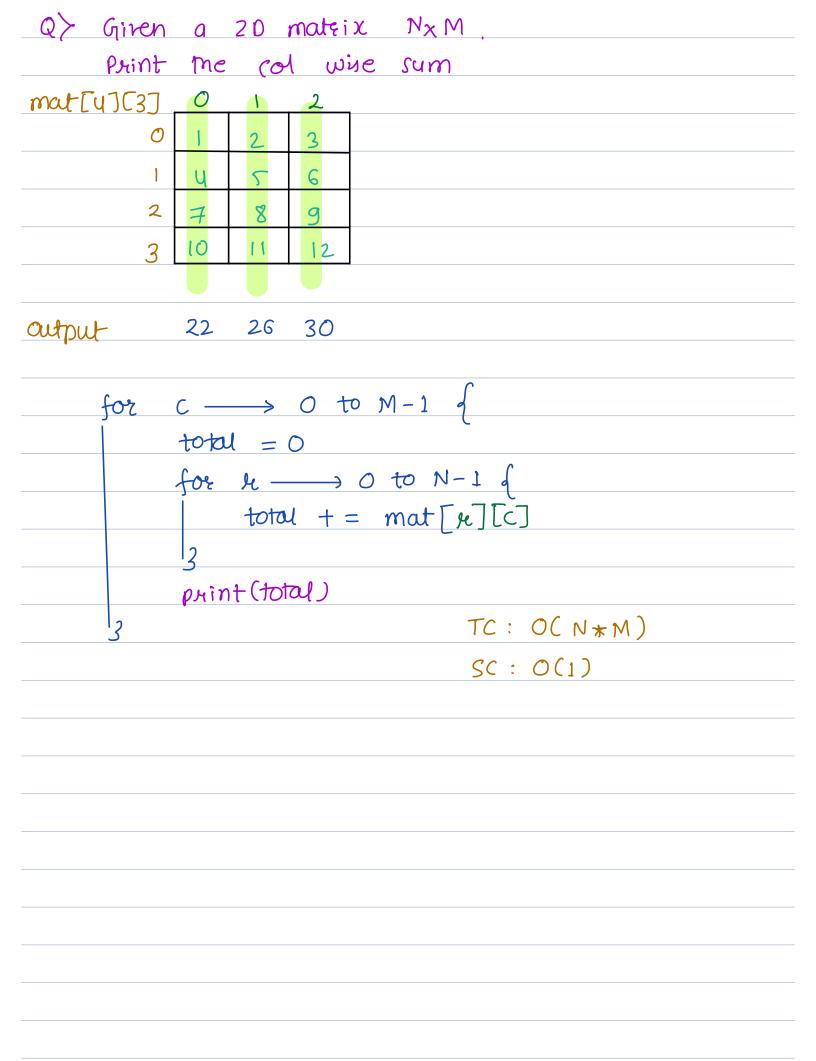
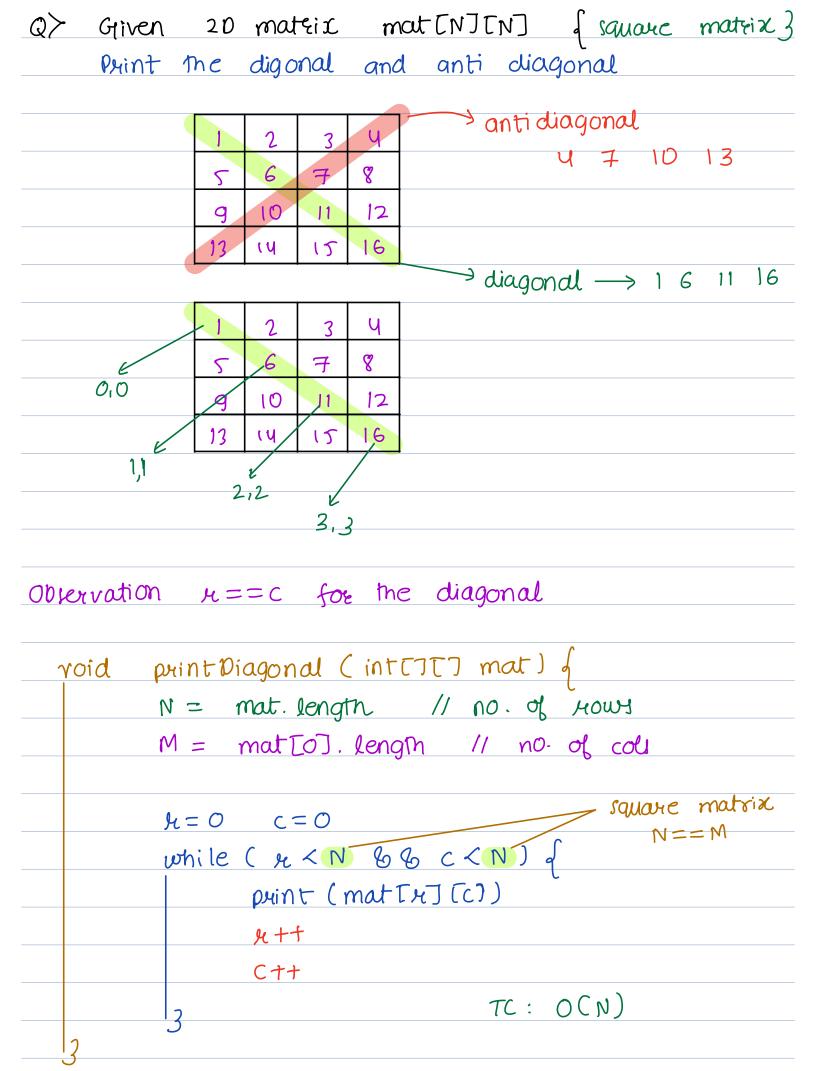
## 20 Matrices content - Definition - print now wise & col wise sum — print diagonal & anti diagonal - Diagonal traversal - Transpose of a square matrix - Rotate Matrix

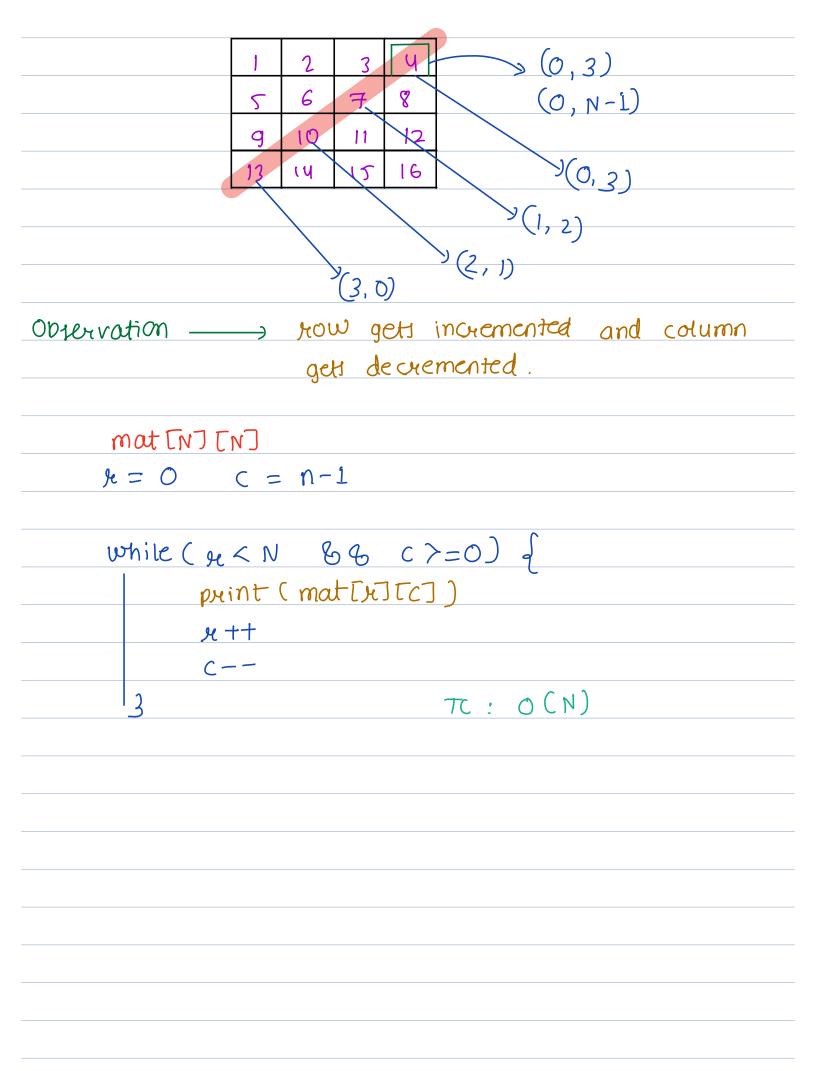
20 Matrices Definition
An avray of avray is a 20 matrix.
A matrix of size N*M represents
N> no. of rows
$M \longrightarrow no. of cols.$
O 1 2 4 yours and 3 cols
0 0,0 0,1 0,2 UX3
1 1,0 1,1 1,2
2 2.0 2.1 2.2
3 3,0 3,1 3,2 HOWS
How to initialize> int[4][3] colu
$\longrightarrow$ colu
Andex of top right corner → [0, M-1]
Ander of bottom right corner - [N-1, M-1]

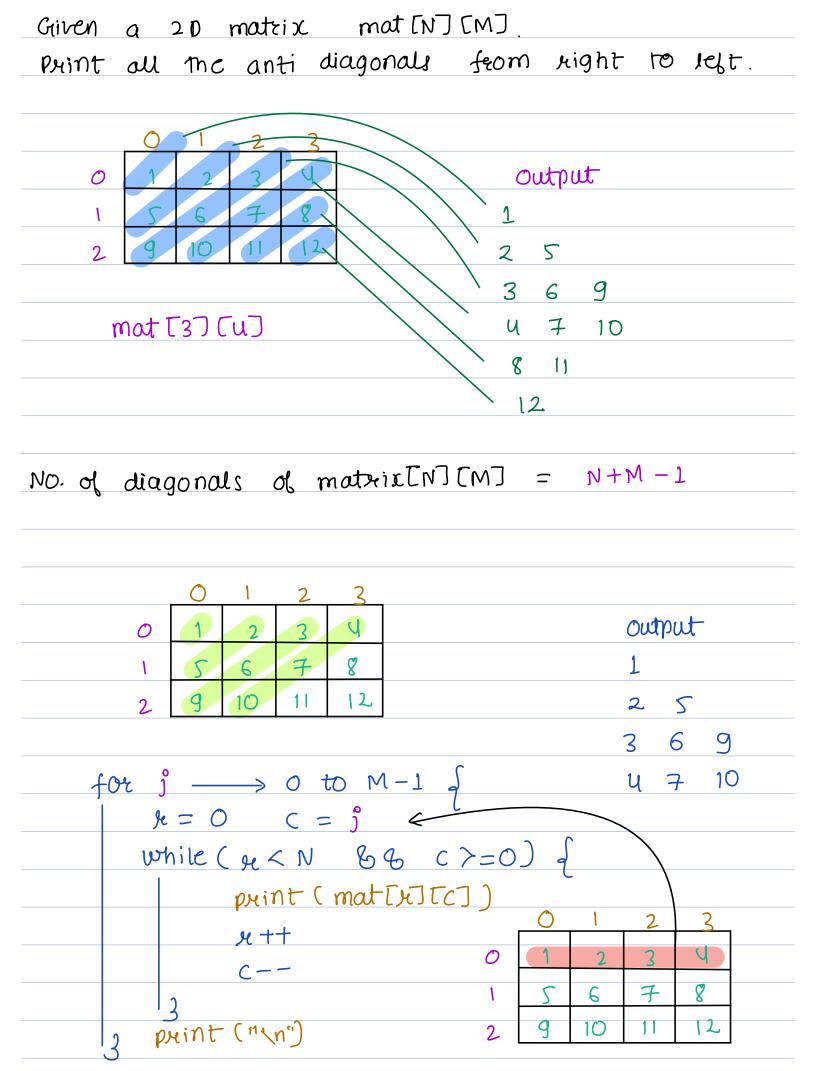


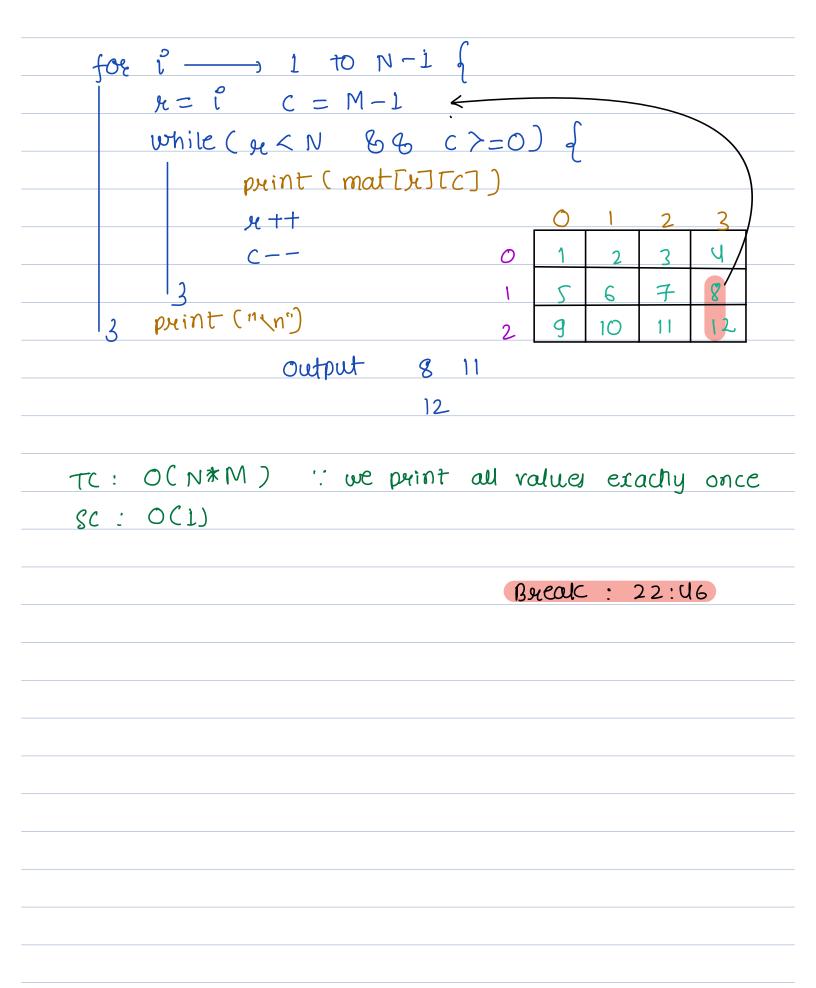


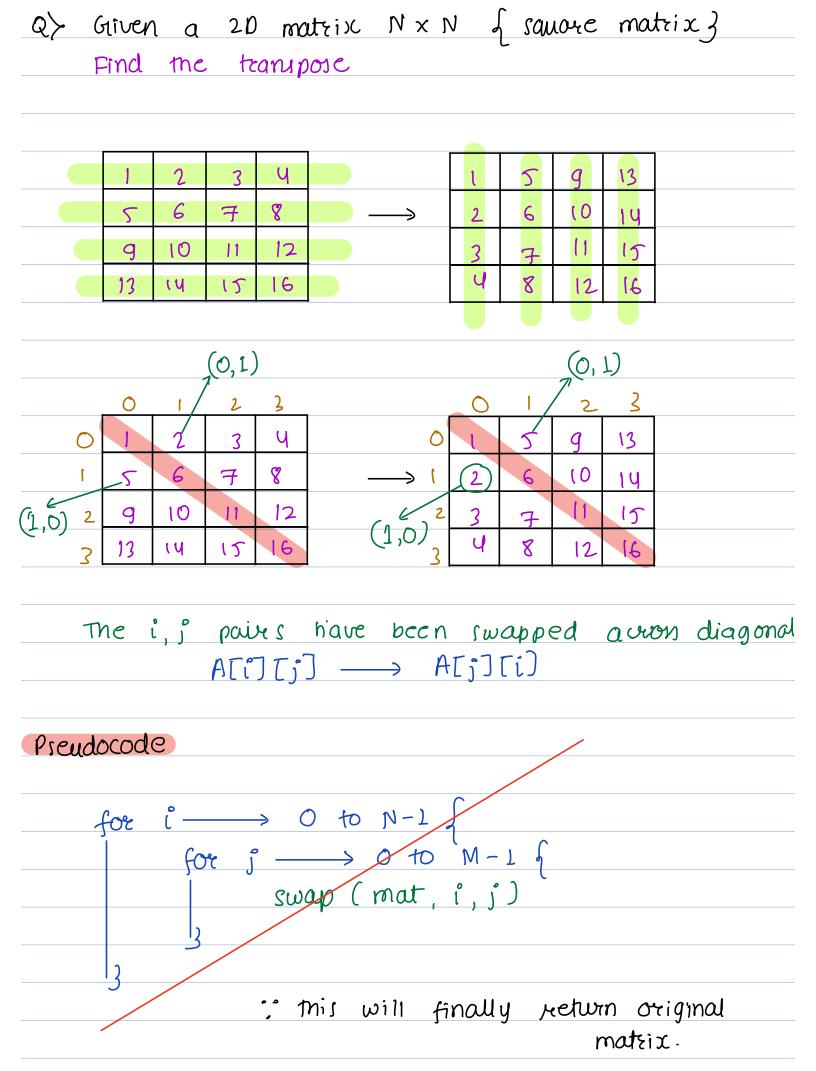




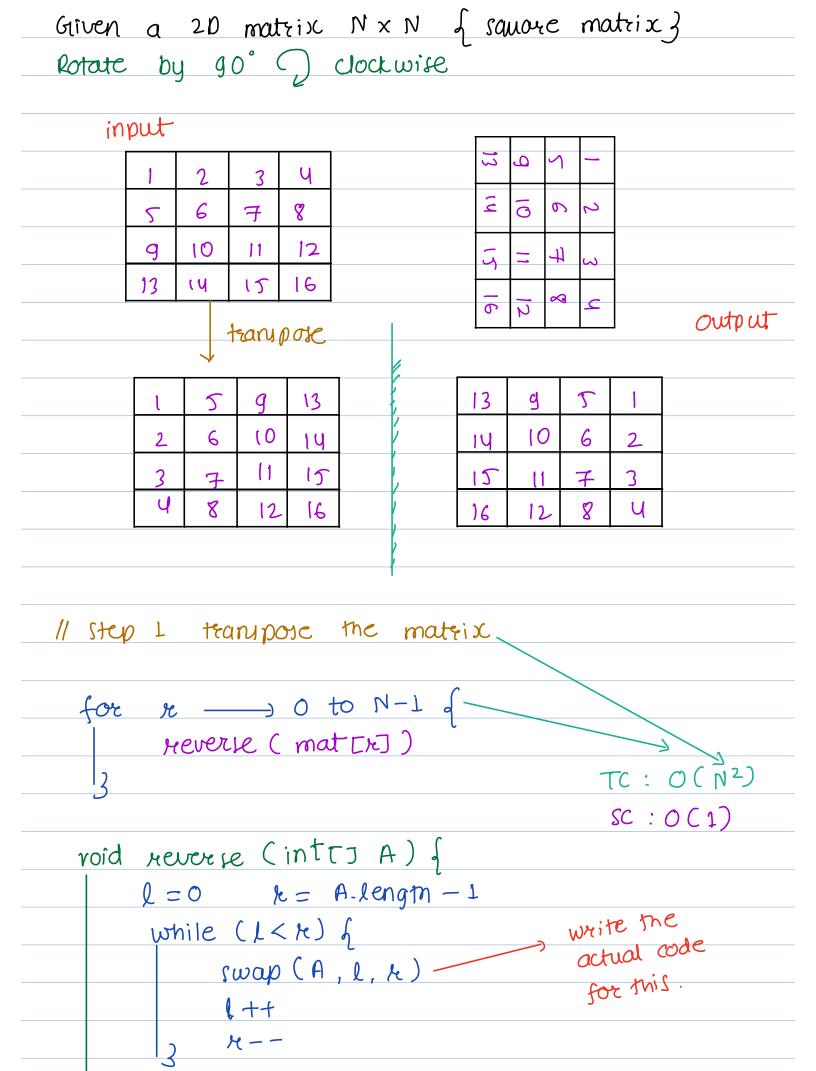


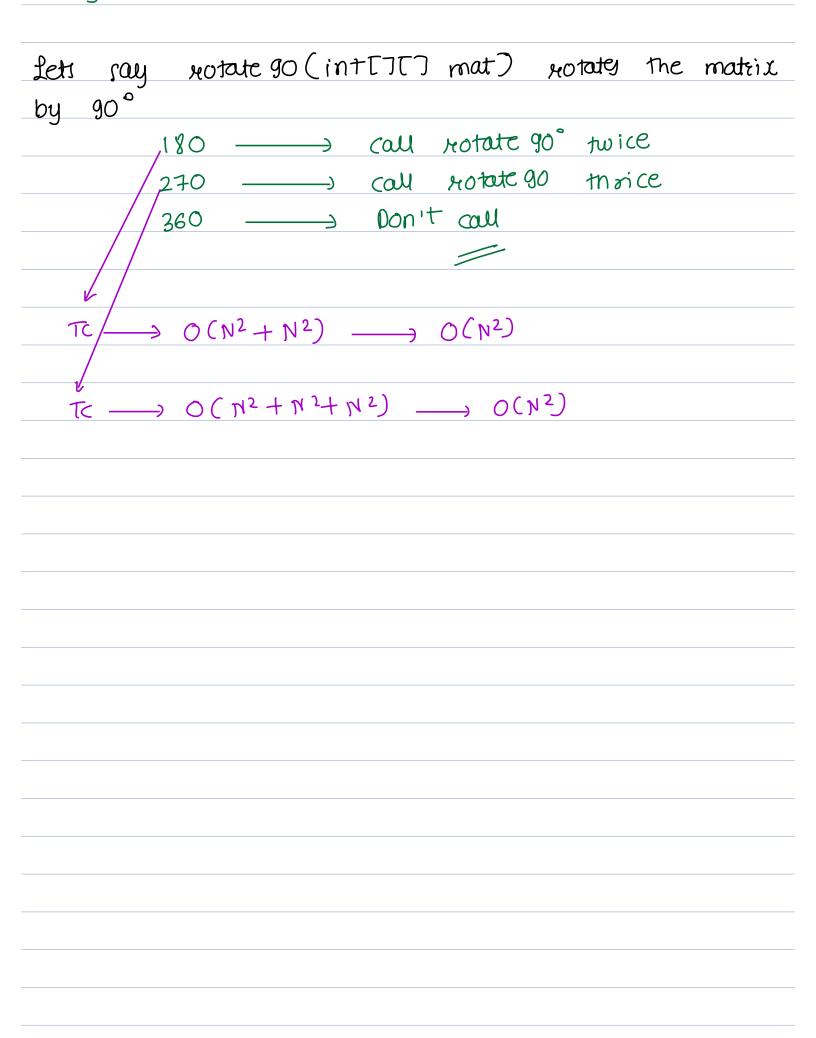






					2		
		00	01	2	03	→	
						→ X ~ C	
	<u> </u>	10	11	12	13		
	2	20	21	22	23		
	3	30	31	32	3,3	alternate.	
						> [8+1, N-1]	
for 1	ų —	$\rightarrow$ (	ot C	N-	-1 1		
	for C			→ ○	to	N-1 {	
					_		
	if ( x < c ) {						
		1,	, 0000			1 1 1 2	
	12	_ ک					
<b>-</b>	<u> </u>						
. 3							
		( , 0	L [7]	<u>-                                    </u>	Λ		
	void swap (int[][) A, intx, intc) {						
	temp = ATXITC]						
	ACHT[CT = A[CT[H]]						
	A[c][x] = temp						
2				`			
3							
		TC	: 0	( N <sup>2</sup>	)		
			: 0				
		2 C	. 0	ヘレノ			





Doubt Senion mat [0] = [1,2] $mot = [[1, 2]]^0$ [3,47,1 [5,6) 2 ]