

given a 20 natur N+M. Punt the

$$0,0$$
 $0,1$ $0,2$ $0,3$
 $1,0$ $1,1$ $1,2$ $1,3$
 $2,0$ $2,1$ $2,2$ $2,3$
 $3+4$

N+M. Punt the

elemets row by row

```
sum of each row
for (j=0; j<m; j++)

( // 2,j
                  sum t = one (1)17)
         print (sum);
 print seem column-wise
                1
                    - fix the column
                 [0
        12
     for ( j=0; j<m; j++)

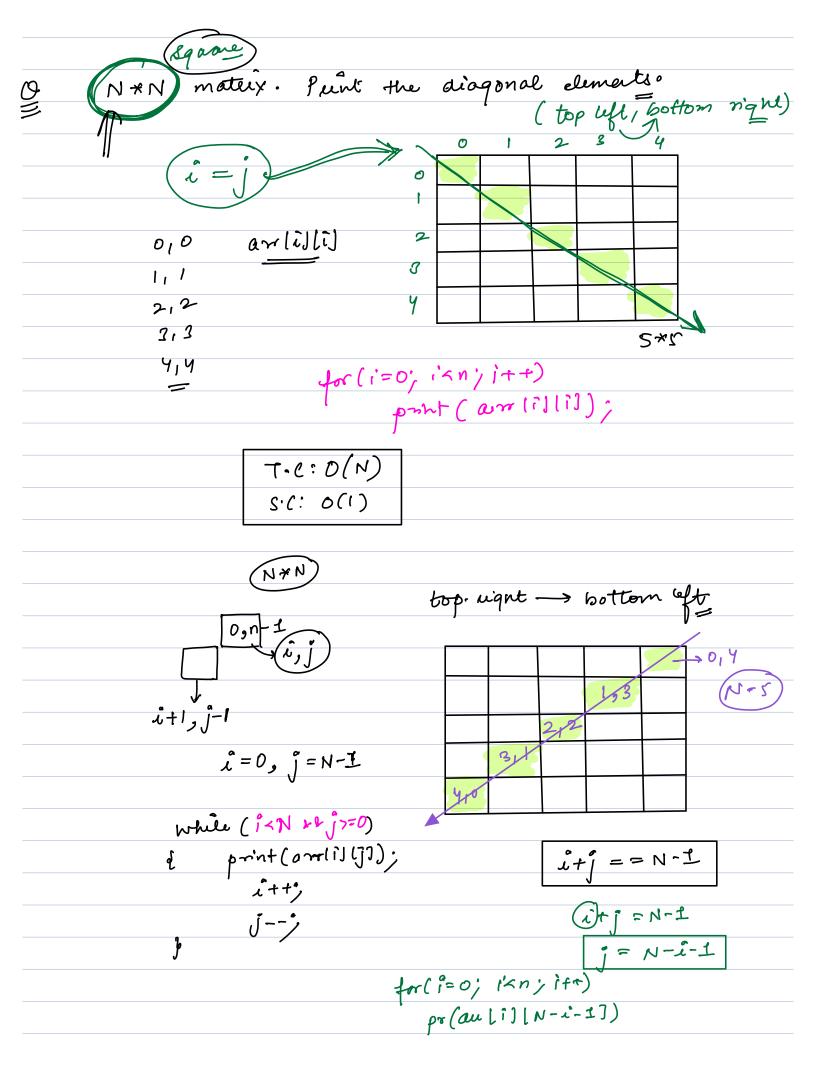
for ( int i=0; i<n; i++)

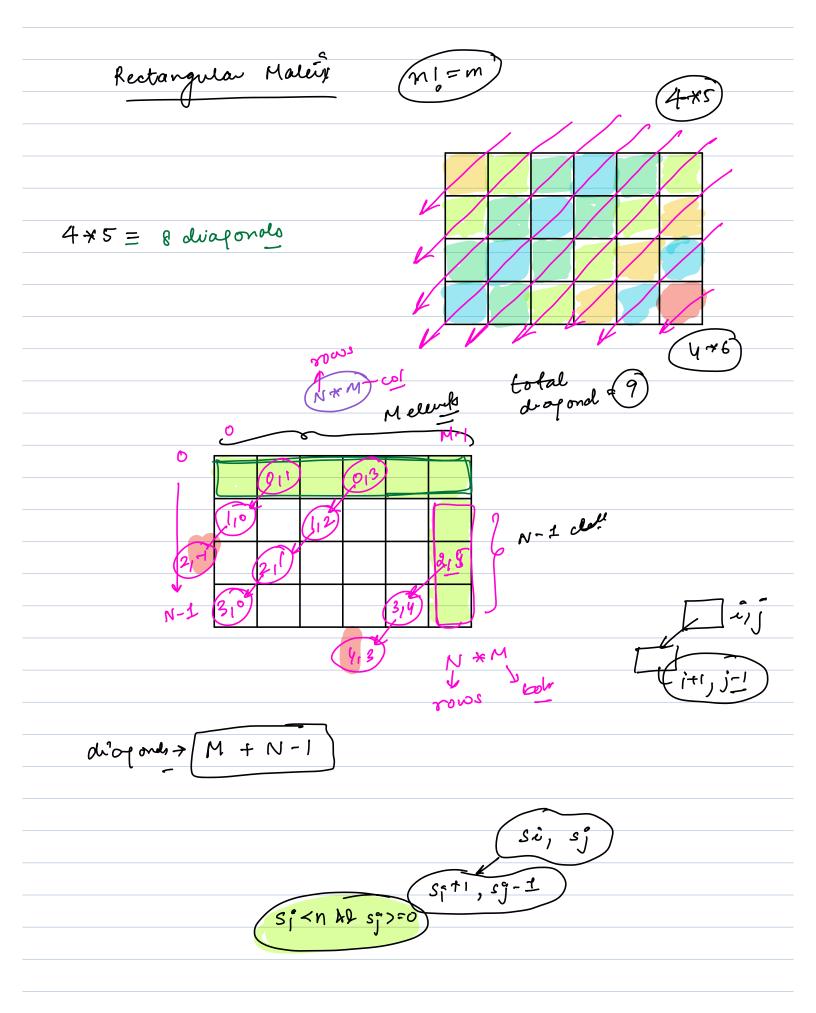
1
            P
```

rus[i][j] = A[i][j] + B[i][j]

6 2 6 5 3 8 18 3 8 to perform add of notries, diversions have to be exactly same

7.c: 0(n+m) 5.c: 0(n+m)





```
int si, int sj, int n, int m, intord
                             y
7.C'O(N*M)
                         printdiafonal (0, j...)
                      for (i = 1; i < n; i + +)

p = n + d  (i, m - 1 - n)
```

· square mateix (N*N). Find transpose of a mateix

	1	Ч	5		1	6	9	
	6	3	2/112	\Rightarrow	4	3	8	
	9	8	0	_	5	20	0	
Т	•			_		1(211)		Г

fl	-	4 1			
0	$\sim \infty$	→ o* col			
1	nw	-> it col			
		ا ام			
2	~0w	- 2 d col			



for
$$(i=0 \rightarrow n)$$

for
$$(i=0 \rightarrow n)$$

for $(j=i+1;j < n;j+p)$

Swap $(arr(i'),j)$

or $(j)(i),j$

