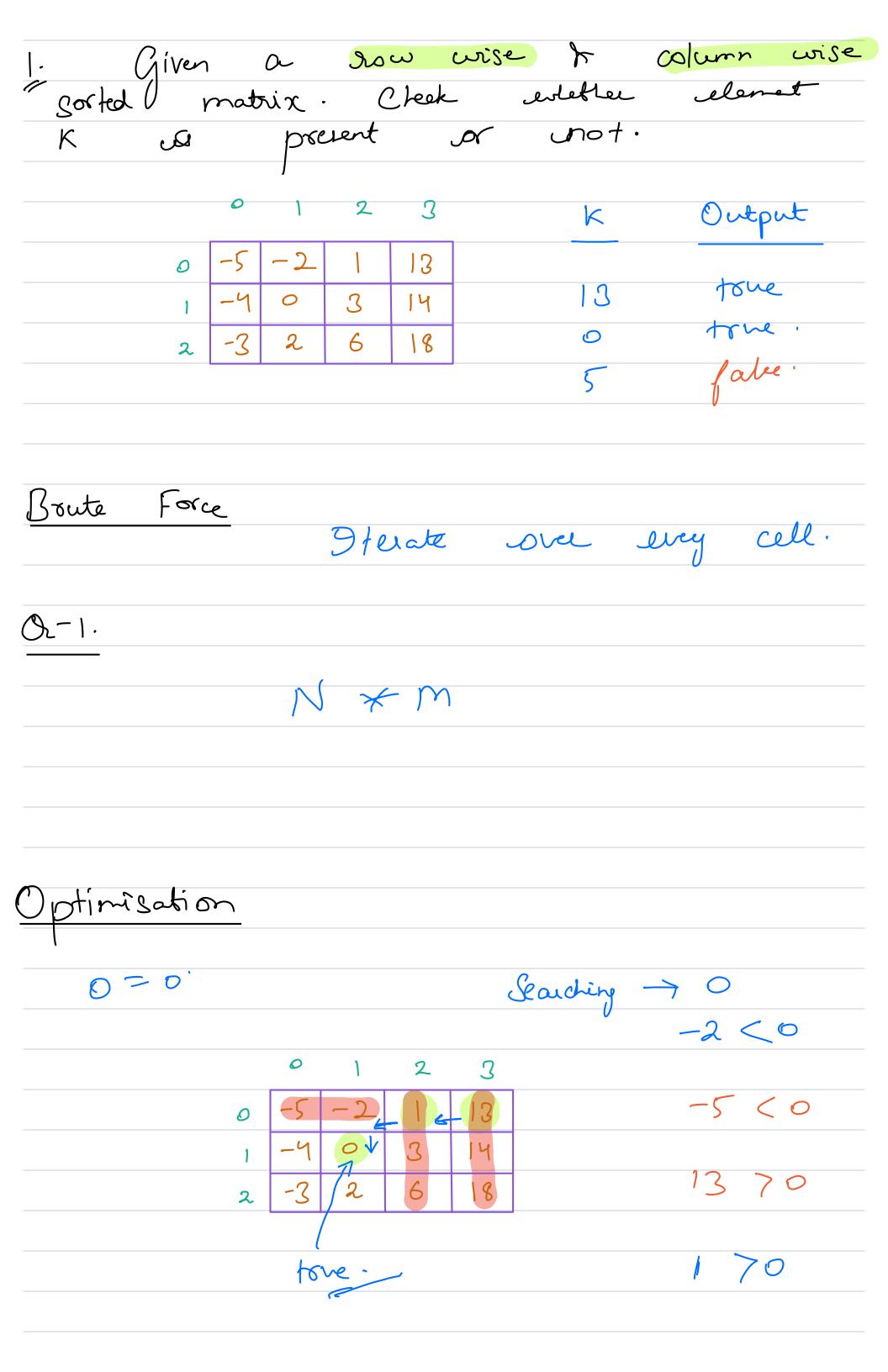
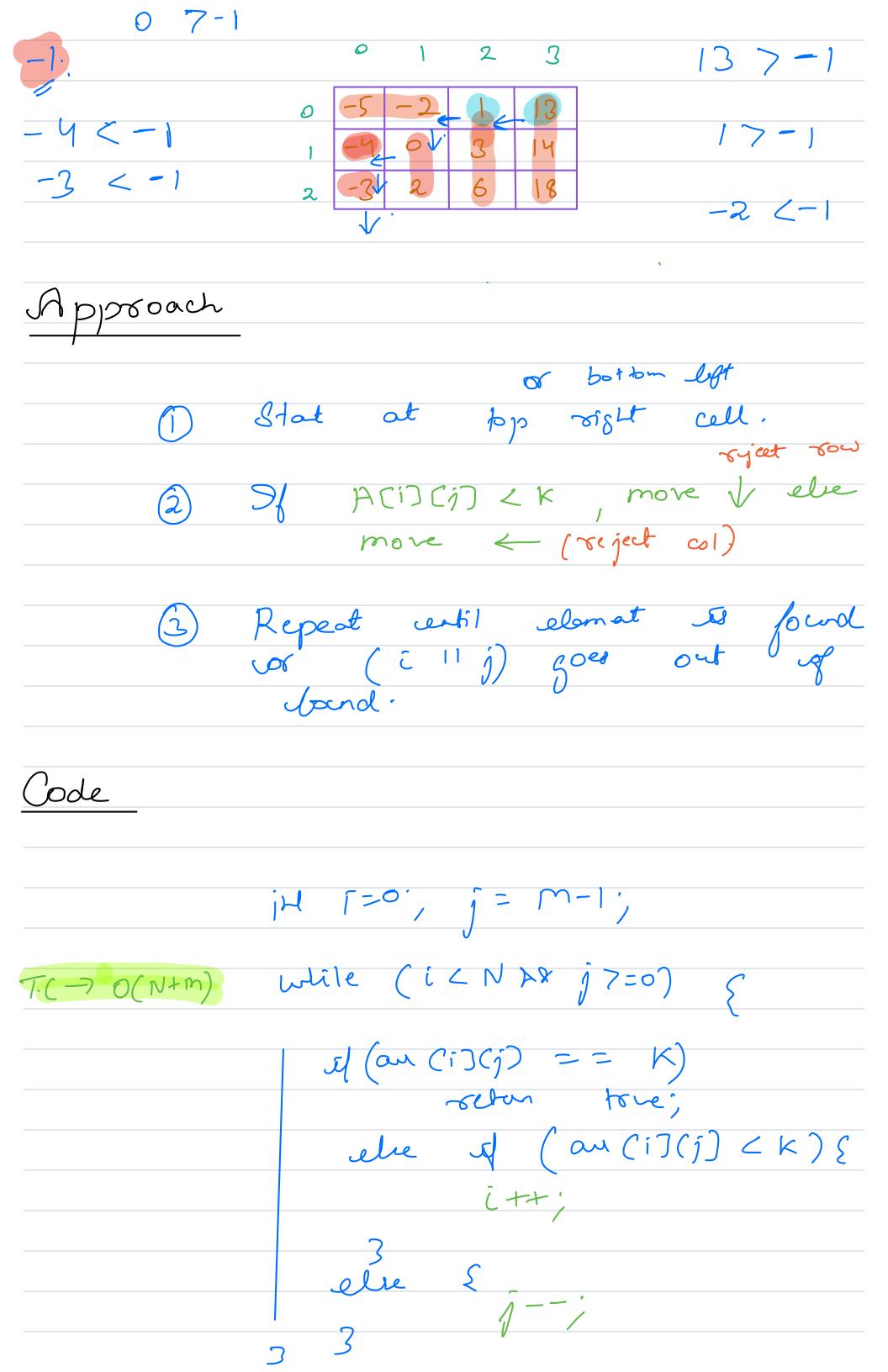
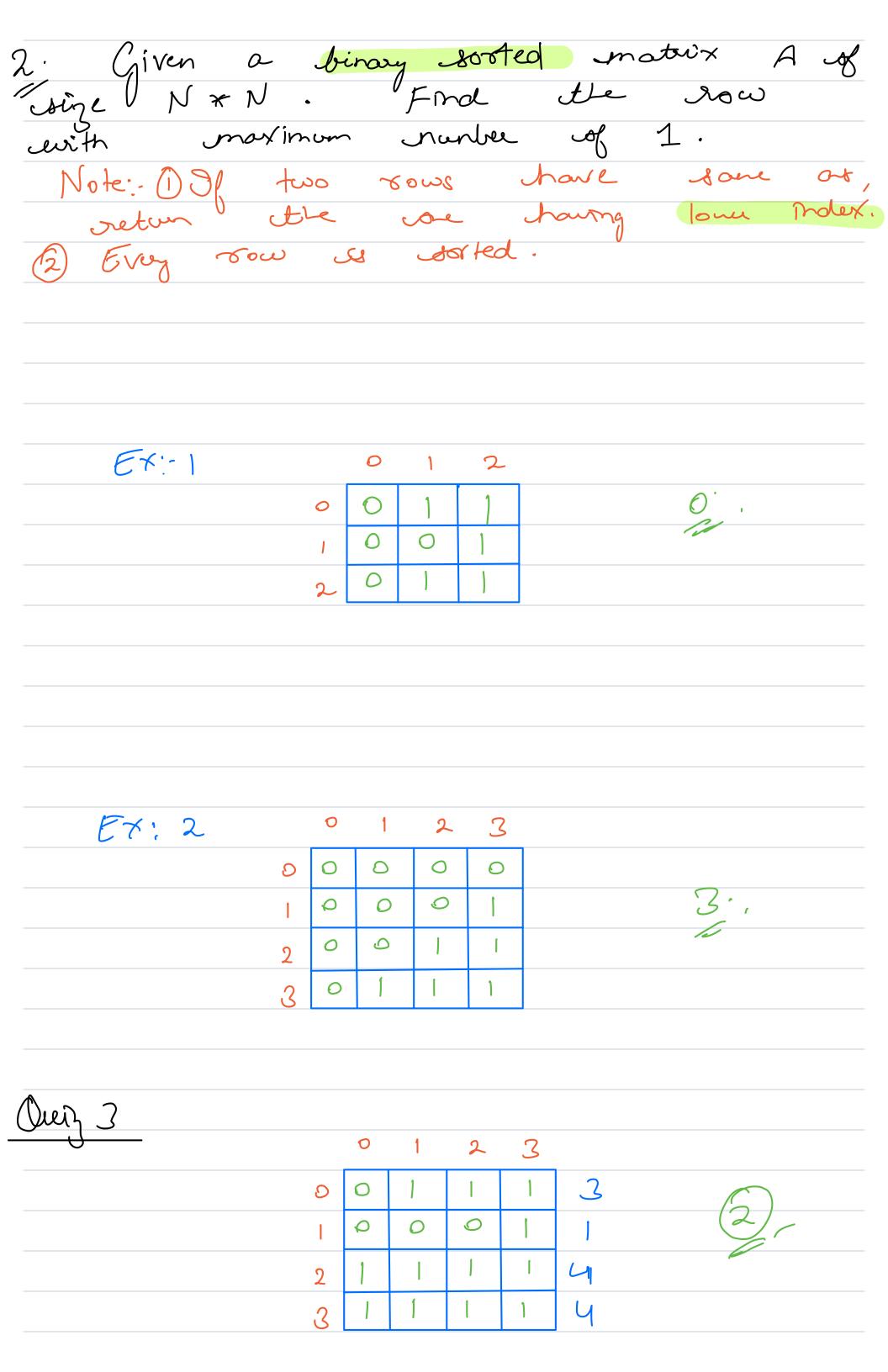
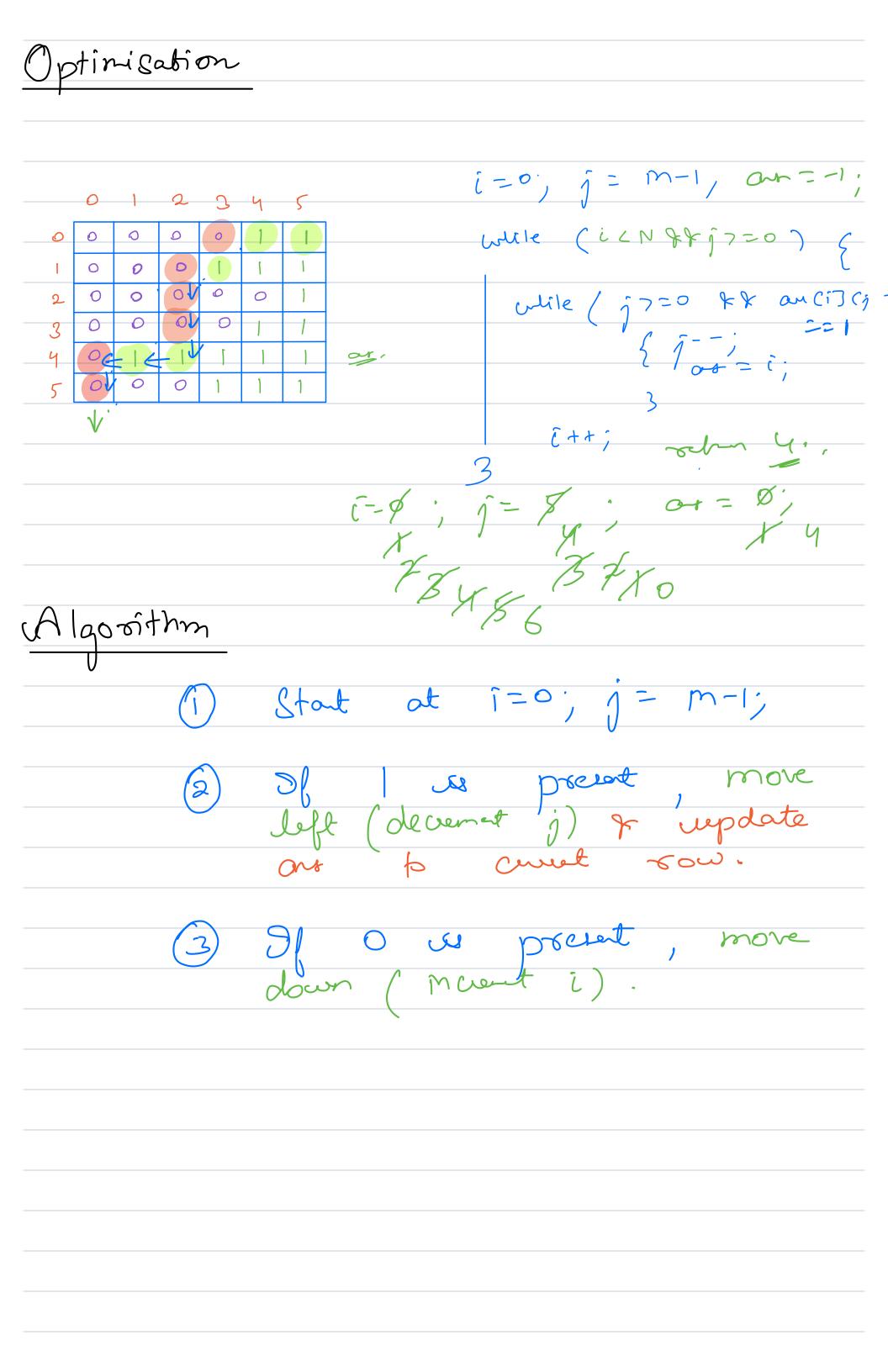
| 10 | oday's | Agend | 'a: | | |
|---------------|--------|---------|--------|----------|------------|
| | | | | <u> </u> | rise k |
| | (| plumn- | - wise | Socted | matrix. |
| Starting 7:05 | 2. | Row | with | maxom | - ones. |
| 0 | 3. | Pointry | bar | day co | <i>O</i> – |
| | | mati | i'x· | U O | |
| | 4. | Spra | l mo | tix | |
| | 5. | Sum | of a | l sub | natrices |
| | | | U | A | cm. |
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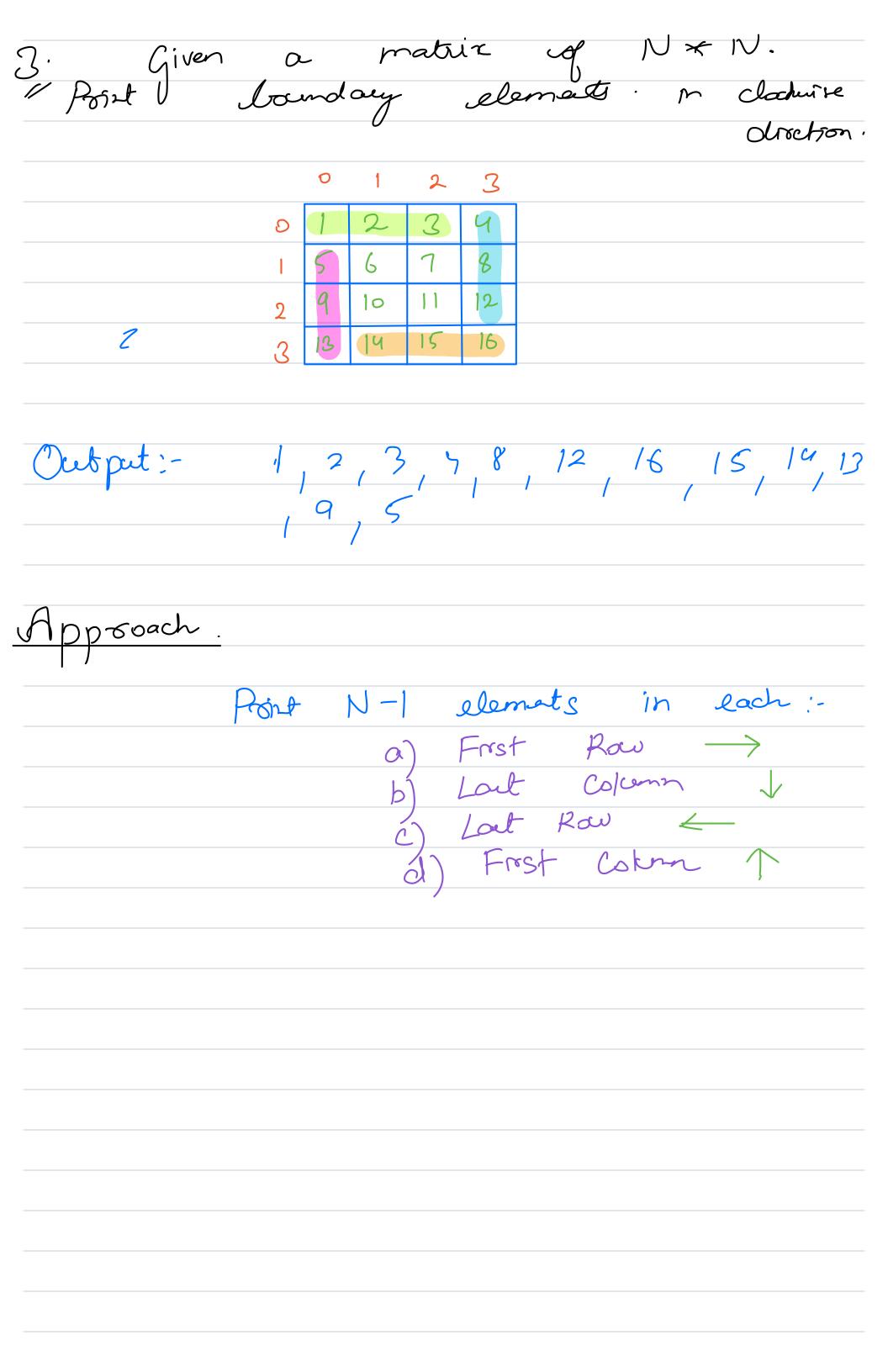








t Code i=0, j= m-1; or =-1; ulile (j 7 = 0 kk au (i) (j) ==1)

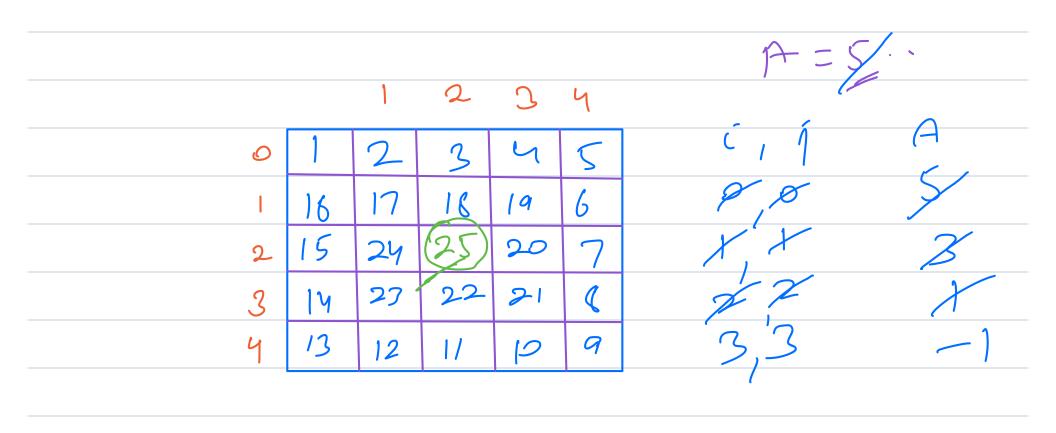


(sde:point Bounday Elements (NTC)() A) { Void E=0; J=0; 1) N-1 in the first row -> for (it = 1; it < N; it++) { port (acid(j); j++; (2) N-1 in the lout column for (it = 1; it < N; [+++) { prit (a(i)(j); [++; (3) N-1 in the last you (for (it = 1; it < N; Et++) { port (a(i)(i)); /--; N-1 in the frost column 1 for (it = 1; it < N; it++) { port (a(i)(j)), [--; $T \in \mathcal{P} (\mathcal{N});$

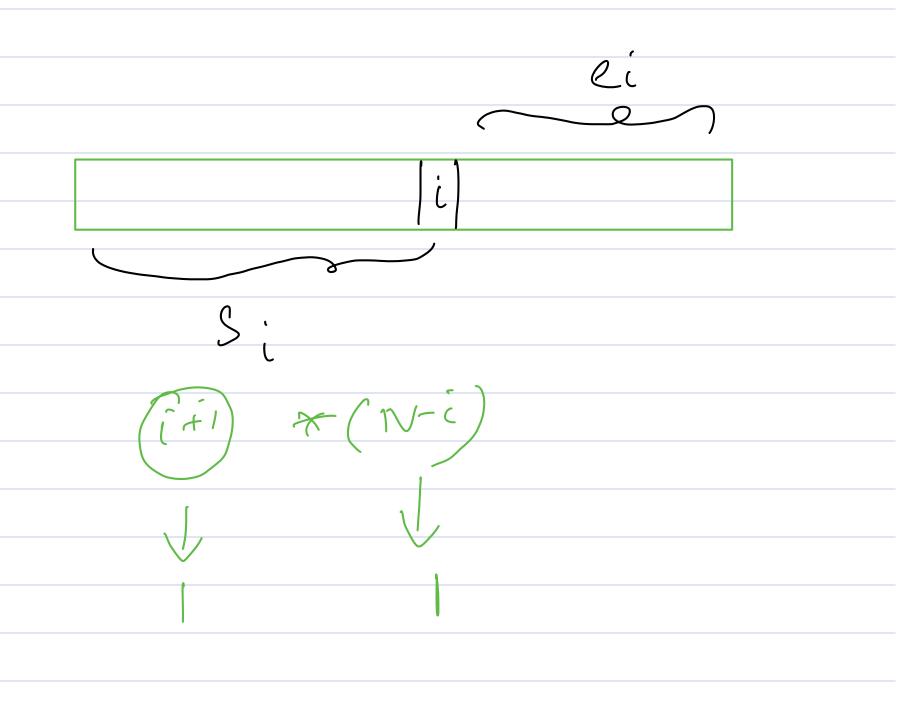
S.C -70(1);

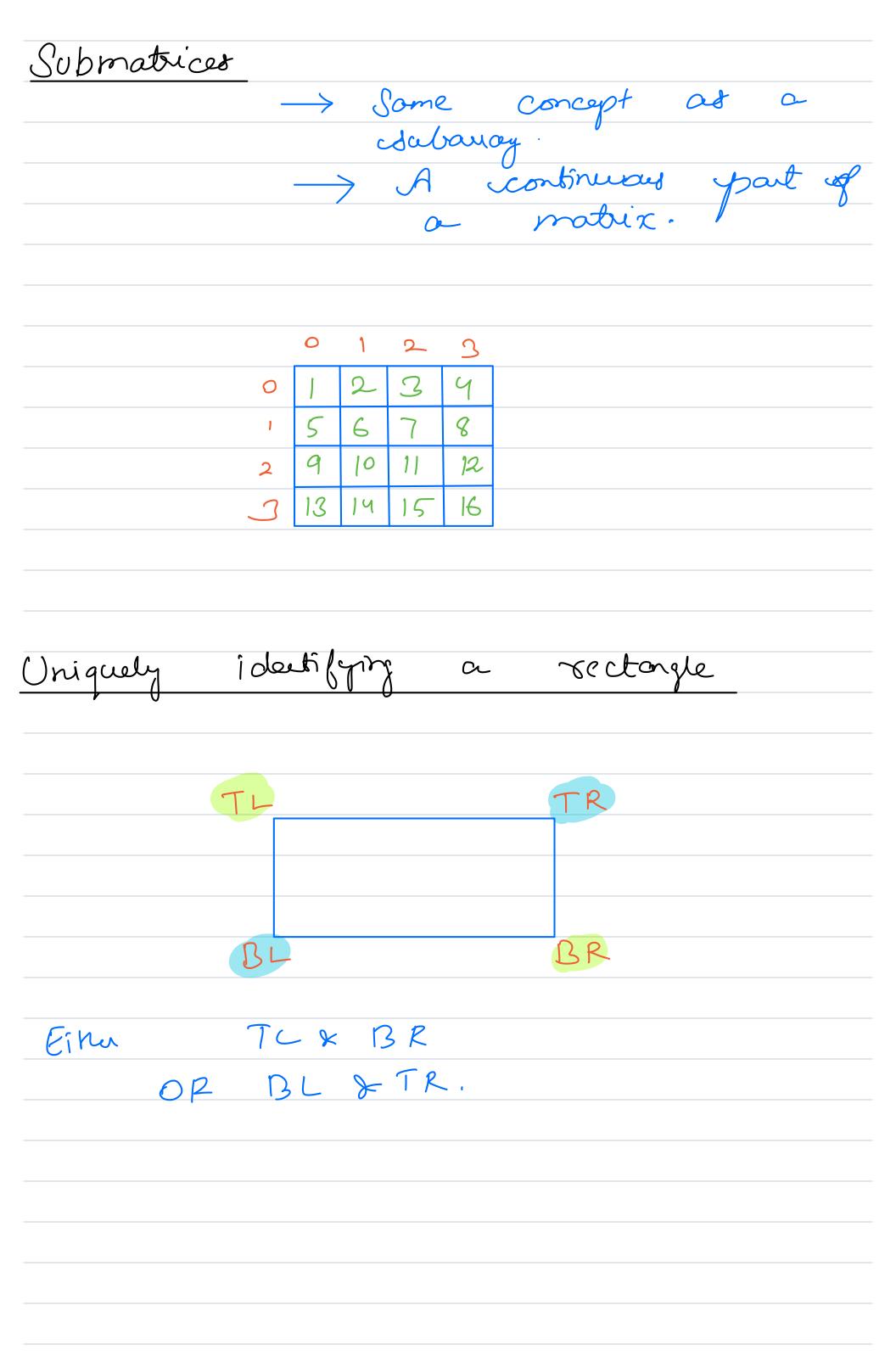
4. Given on integer A, generate a Sequal matrix of size A X A filled with elament in spreal border from 1 p A2. CX X 4. A = 6 Q:35. Sperate 5 tres n 4 director Herate 3 Incs n 4 direction The att I has M 4 drochos

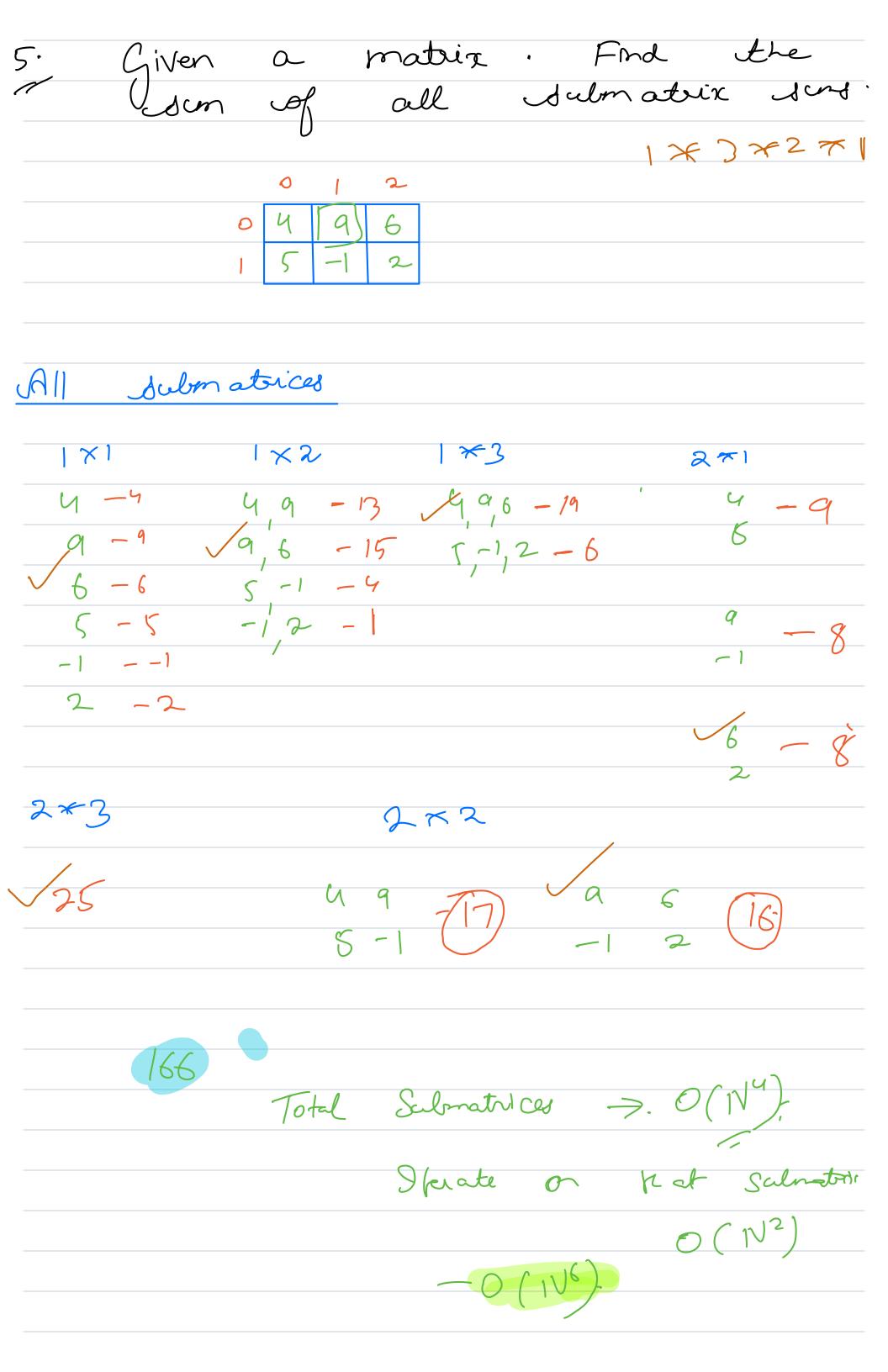
```
(=0; j=0; A; Cout =0;
                         nt (A) (A);
Wile ( H 7 1) {
       1) A-1 in the first row
       for (it = 1; it \angle P; it++) {
P(i3(i)) = ++cont; i++;
       H-1 in the lout column
       for (it = 1; it < A; [+++) {
          A(13(1) = ++cont; [++"
     (3) A-1 in the last you (
       for (it = 1; it < A; Et++) {
         A(13(1) = ++cont; 1--;
      A-1 in the frost column 1
      for (it = 1; it < A; et ++) {
         A(i3G) = ++cont; i--;
    î++-, ĵ++, p-=2;
     X (7==1) {
            7(1)(j) = ++ cont;
```



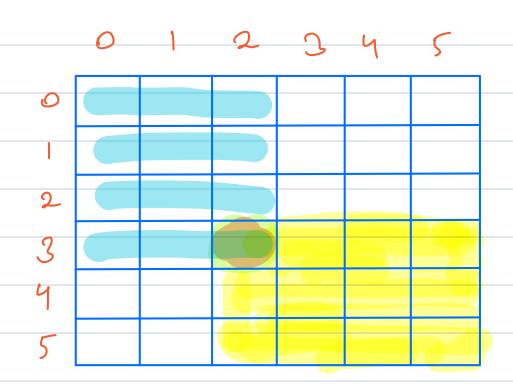
$$TC \rightarrow O(A^2)$$
.







Approach



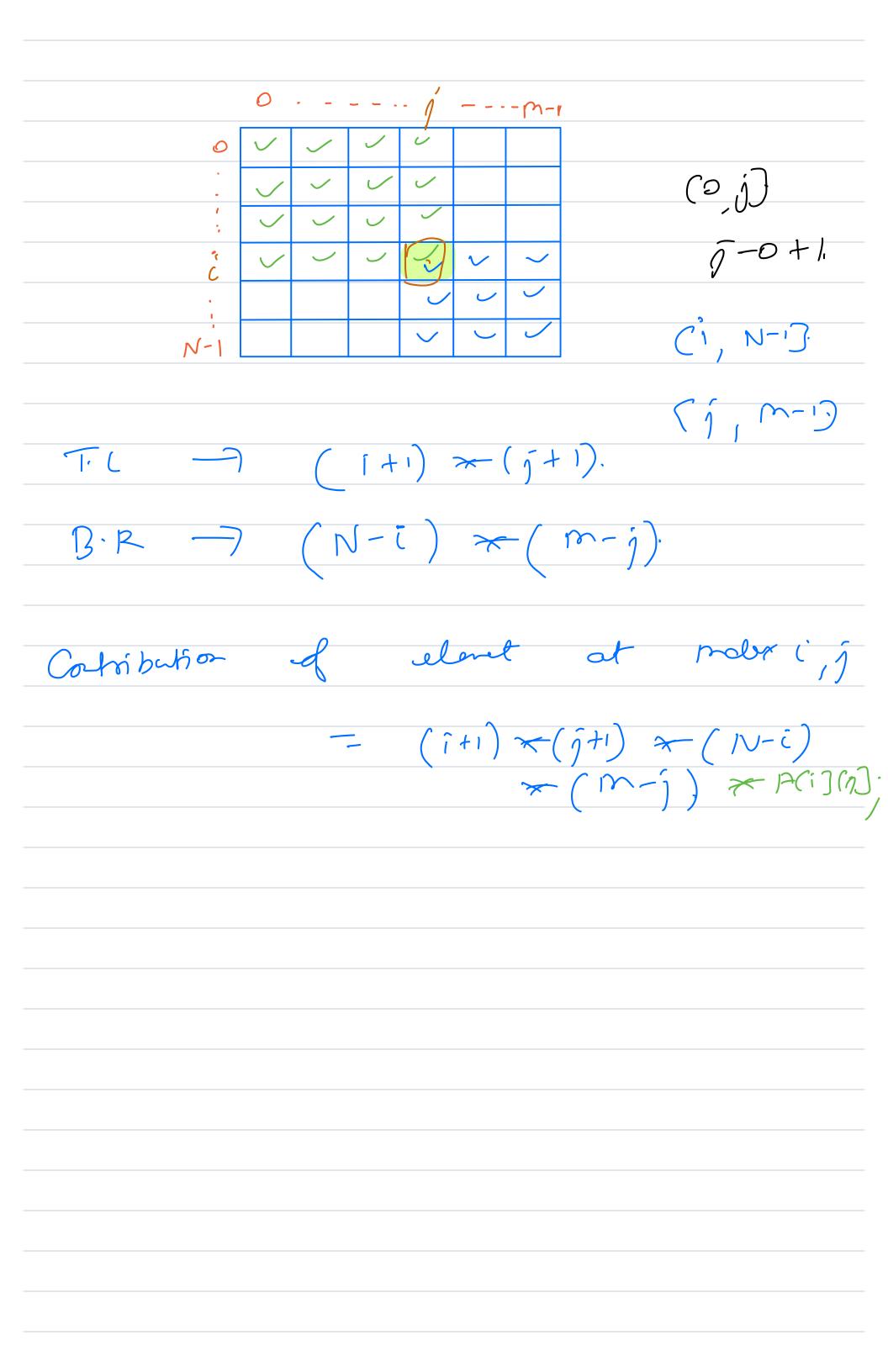
B 2,

 $|2: \times |2: = |4|$

Quiz



 $6- \times 9. = 59,$



or = 0; 106 (î=0, î<N; î++) { los (j-0; j<m; j++) { 0+ += (î+1) x (ĵ+1) x (N-i) cetur as; -7 O(NXM).