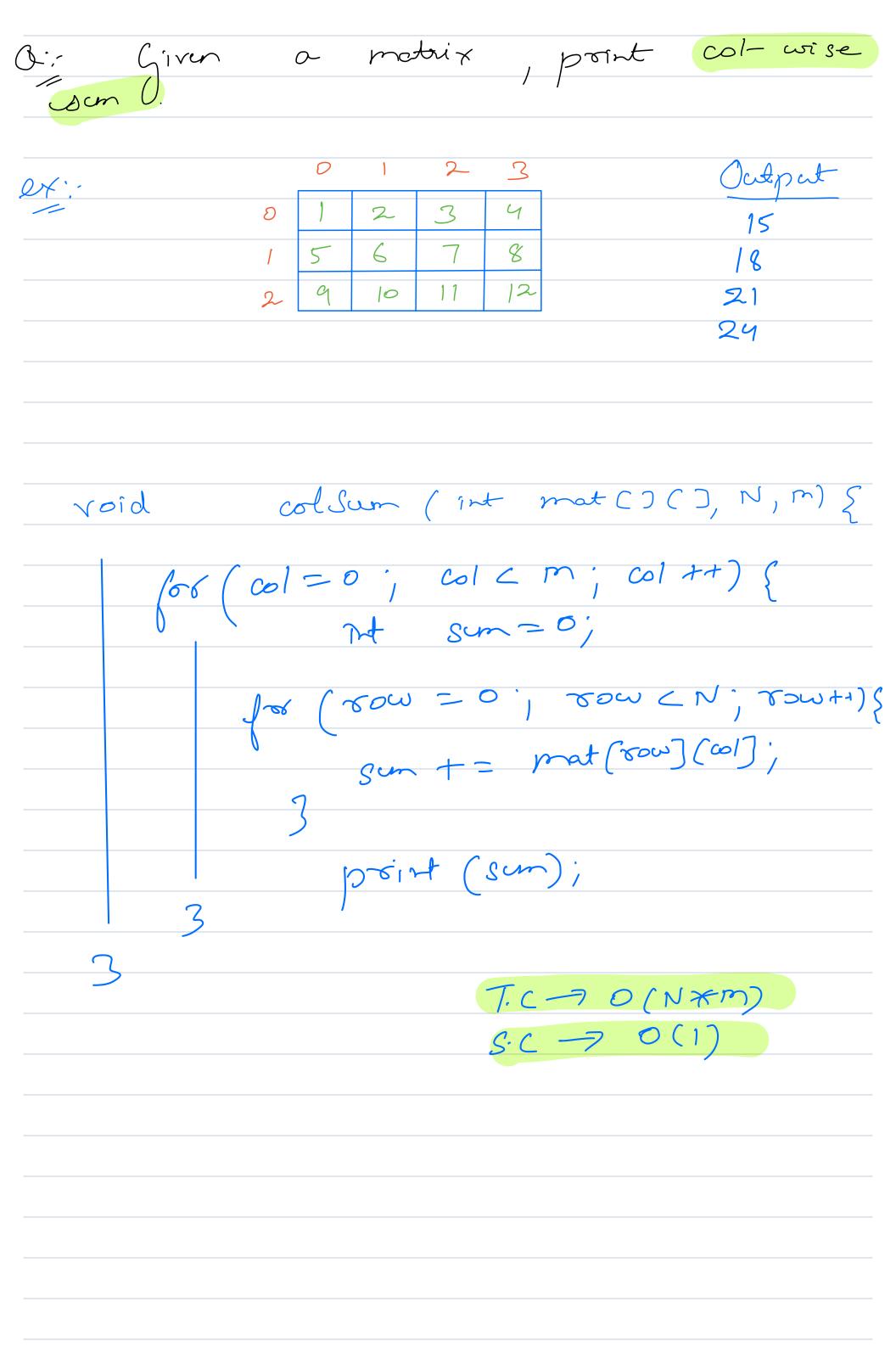
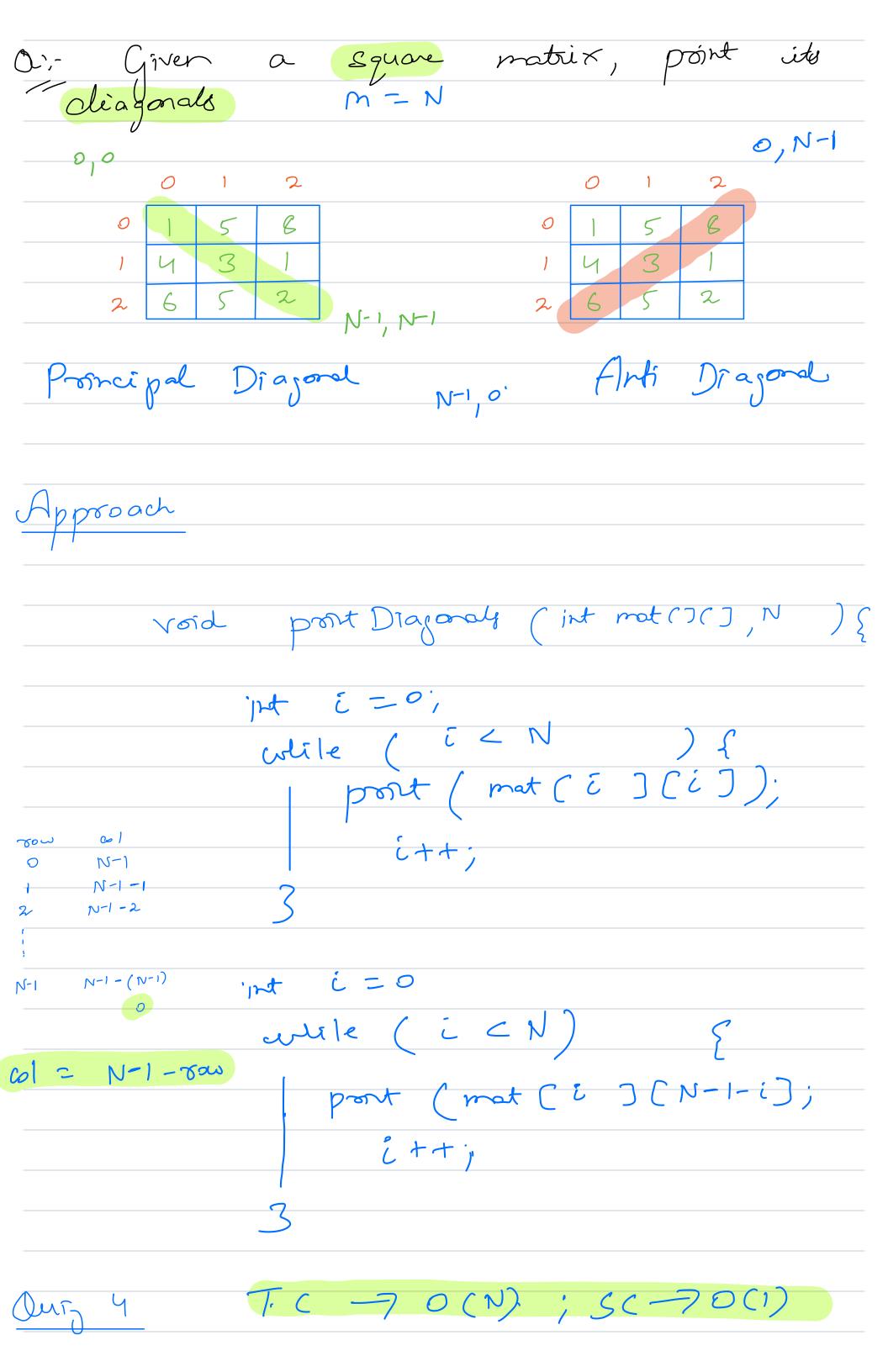
A 2D matrix Apecific type of 2D away
has a rectangular grid of has a colled on element. It was a mathematical structure that a set of numbers avanged con row & columns. Declaration dataty pe Tows Ex: mat [3] [4] mot [2][0]

| 0:1. | Given | 0_ | matrix | port | 70W | |
|-------------|--|--------------------|---------|----------|------------------|--|
| - w | rise Given | dum. | | / | | |
| 2.6 | + 527 (u7 | | | | | |
| | mat [3] [4] | | | | 2. hat | |
| | | 0 1 | 2 3 | | <u> </u> | |
| | 8 | 1 2 | 3 4 | | 10 | |
| | 1 | 5 6 | 7 8 | | 26 | |
| | 2 | 9 10 | 11 12 | | 42 | |
| | | | | | | |
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| | | | | | | |
| Alayora | ech · | | | | | |
| Approc | | | | | | |
| | | | | | | |
| | _ void | -600 | s Sum (| int mo | <i>±</i> C J C J | |
| | incom; | | | | | |
| | | | · ~~~~ | <u> </u> | 504) ++) C | |
| | | ₅ ω = 0 | | | 60w ++){ | |
| | Sun = 0', | | | | | |
| | | | | | | |
| | $\int_{SCM} \left(\frac{1}{2} - \frac{1}{2} \right) \left(\frac{1}{2} - \frac{1}{2} - \frac{1}{2} \right) \left(\frac{1}{2} - \frac{1}{2} - \frac{1}{2} - \frac{1}{2} \right) \left(\frac{1}{2} - \frac{1}{$ | | | | | |
| | Scm + = mat [80w](col]; | | | | | |
| | 3 | | | | | |
| pont (scm); | | | | | | |
| | 3 | <i>.</i> | | | | |
| 7 | | | T.C- | 7 0 (NA | KM) | |
| | | | | 70(1 | | |
| | | | | | | |

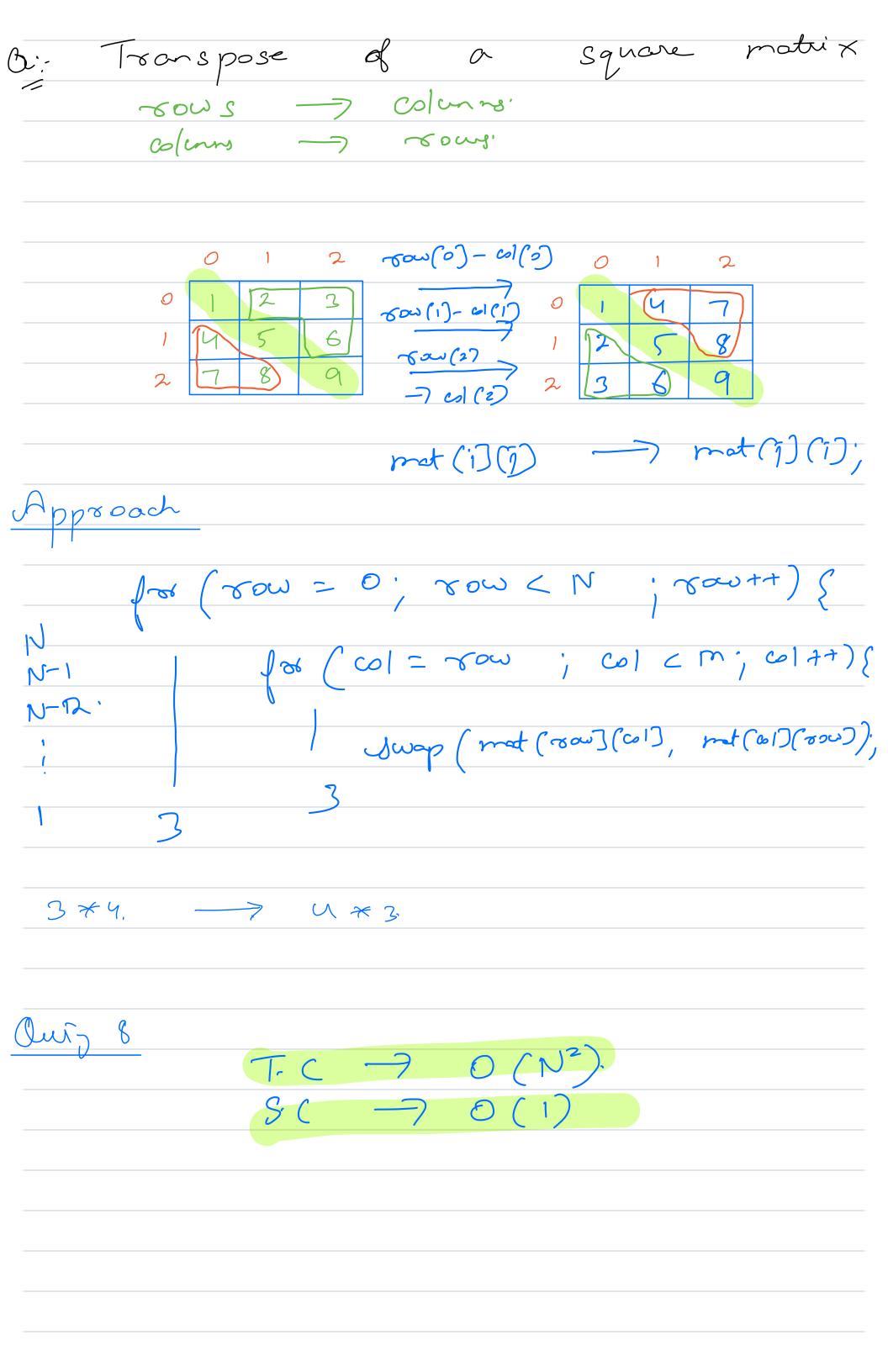


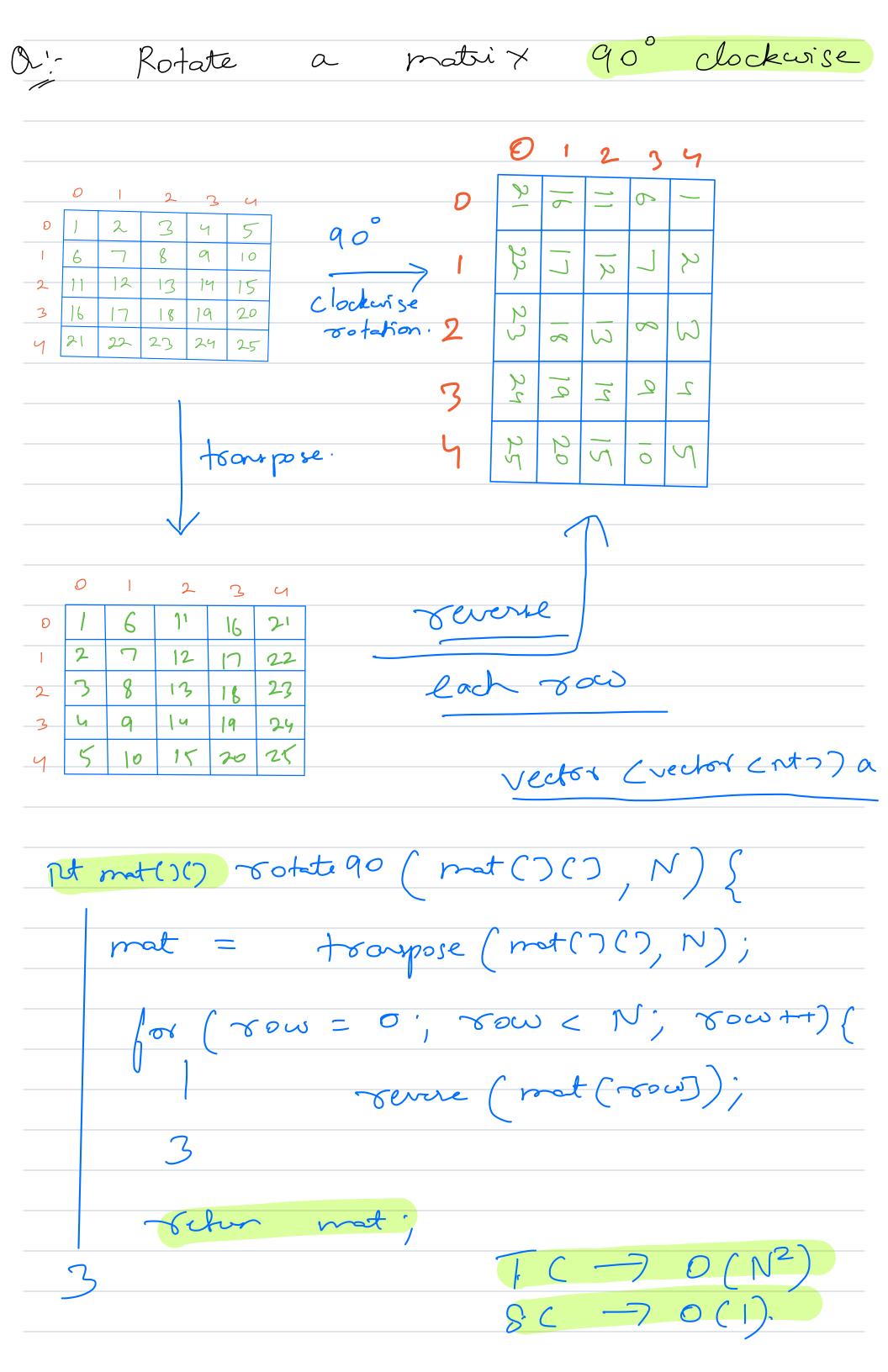


Posit diagonals in (right to left) motrix 0 Output? -Row ++ ; 12 col -- ; m + N -1 Approach: pont Diagonals (mat ()(), N, m) { 09/2 for (col = 0; col < m; col ++) {
[= 80w; j = col; 11 Fixed the SP rulile (icn xx j7/0) point (mat (i](j)); port ("\n"); jut col = M-1;

^ -

(row = 1', row < N; row ++) [= 800",]= 01, // Freed the while (icn xx j7/0) { port ("\n"); T. (-> 0 (NXP)





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