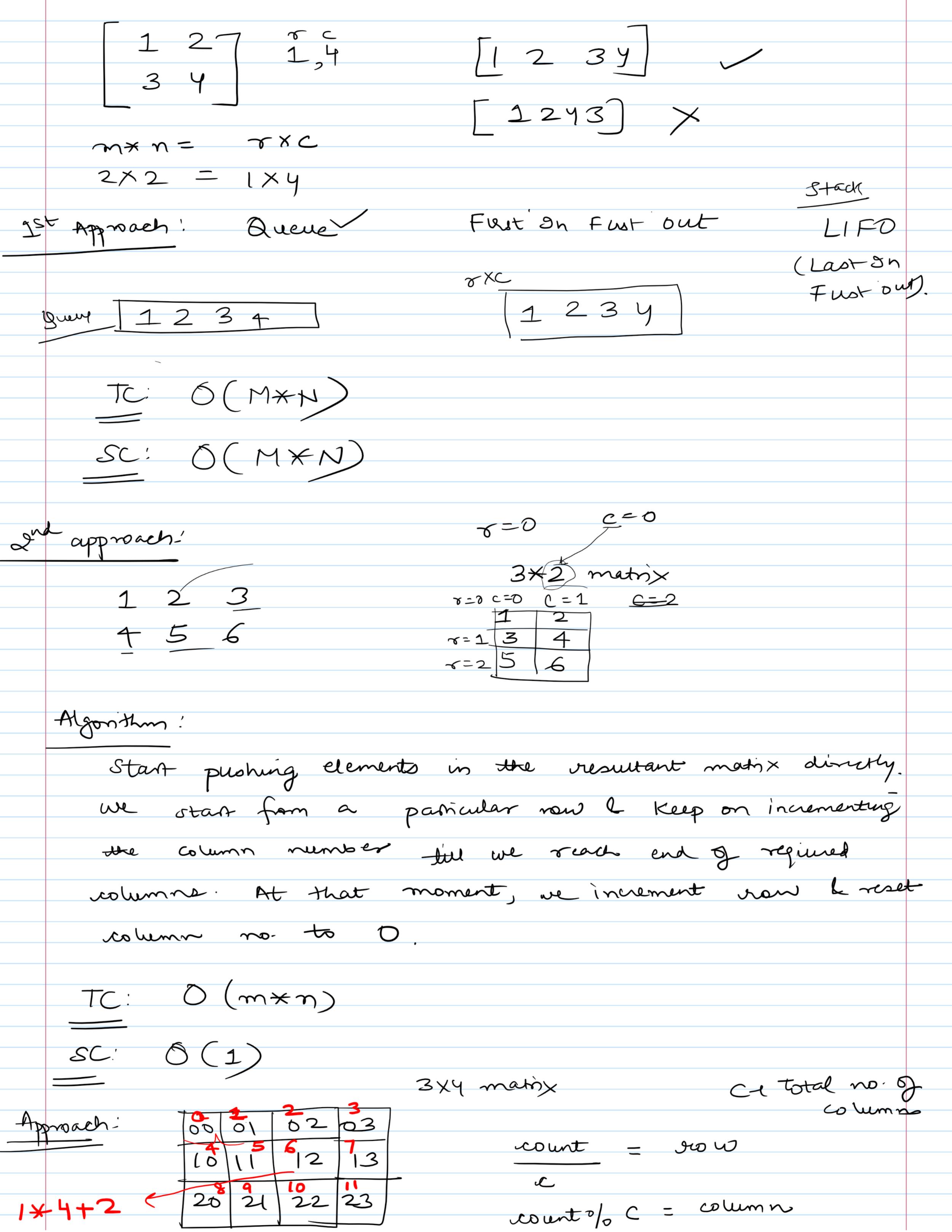


Algorithm:

- 1) We iterate over the matrix & mark fust cell of row i & fust cell of column j', if cell tiltil=0
- 2) The first cell of row & column cell [0] [6] to we'll use 2 variables fr and fc to know if first row from has to be set 0 or not-
 - 3) Now we iterate over matrix again, matrix [o][c]
 if matrix [o][c] ==0 or matrix [o][c]==0 we set matrix trotted =0
 - 4) Based on value of for & for, we'll set first rond first column as 0.

TC: 0 (mx 1)
SC: 0(1)

Reshape the matrix



[23] LXC+ 1 an mage TEUP D 0 0 > 1011 -> 0100 1101 -> 0\00

TC:
$$O(M \times N)$$

SC: $O(1)$

[1 1 0] | 0 11 | 100

[1 1 0] | 0 11 | 100

[1 1 0] | 0 11 | 100

[1 1 0] | 0 11 | 100

[1 1 0] | 0 11 | 100

[1 1 0] | 0 11 | 100

[1 1 0] | 0 11 | 100

[1 1 0] | 0 11 | 100

[1 1 0] | 0 11 | 100

[1 1 0] | 0 11 | 100

[1 1 0] | 0 11 | 100

[1 1 0] | 0 11 | 100

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[1 1 0] | 0 11 | 100

[1 1 0] | 0 11 | 100

[1 1 0] | 0 11 | 100

[1 1 0] | 0 11 | 100

[1 1 0] | 0 11 | 100

[1 1 0] | 0 11