## \* Marunum NXN Submatrin \*

- · given array Size 2NX2N; we need to find the man Sum value
- of the left most submatrix of size NXN.
- if madrix size is 6x6; [N=3]
- if matrix 513e 15 0 10 11 12 13

   Example; matrix 4X4

  10 11 12 13

  20 21 22 23

  30 31 32 33 · Allowed operations and:
- " Reversing row / when' . The base logic here is like in rubic's cube we can get that
- Perticular man value to any required cell
  - · Just by reversing now/column we can re-arrange the value
- tothat specific Cell 00 01 02 03 · For example: same wher elements 10 11 12 13 can be replaced by reverse operation
- . Find man value of all possible Values:

20 21 22 23 31 32 33 '00' pos: max (arr [0] (0), arr [0] (3), arr [3] (0), arr [3] (3)

genrilized version: lin (arr) man(arr[i](i), arr[i](n-i-i), arr(n-i-i)[i), arr(n-i-i)[i]