

let ar = [[[1,2],[3,4],[5,6]]; let am 1 = [[1], [1,2], [3,23], [4]] outer, [o][i] -> 2 outer [0] [2] = 1] En the 1d amon Hais is a me try to access incleur 1d array

Point all
clements
flus 2d
foid
row
by D 6 3 4 5 6 7 8 9 10 1 \ 12 We know, goid [i] [j] ? gues you clement at ith sow and jth col.

Mask (let i=0; i24; i++) L 1/on vach row une house a 1d array for (1ct j=0; 2<4; 1+17) (Skr += grid [i] [j] + " "; (console.103 (sm);

0 -> Criven a dd array, print it in a column wave form. (10, 4 rows & culs can be diff) grid [i] [j] 10

ans > 1 5 9 13 17 18 14 10 6 2 3 7 11 15 19
20 16 12 8 4

what if I just wanted by print the grid col by col. (forget about wave from). (1t (ol=0 ; (ol < n ; (ol++) { b) for (1et row=0; row < m; row++) { Stot= grid [row] [col] + " (01=0 159....

0 1 2 3 4

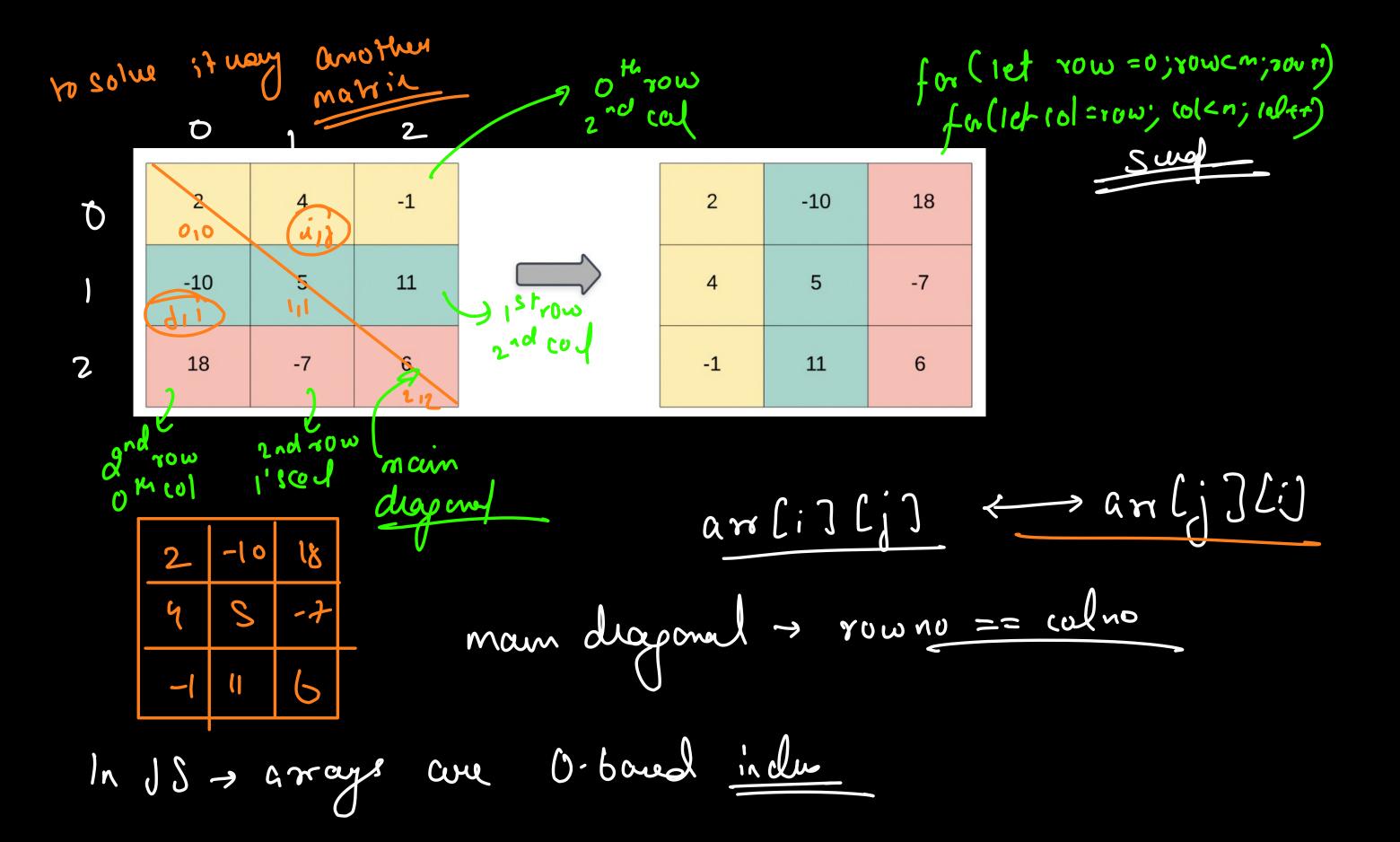
8 Some cols from down to up we
2 9 10 11 12

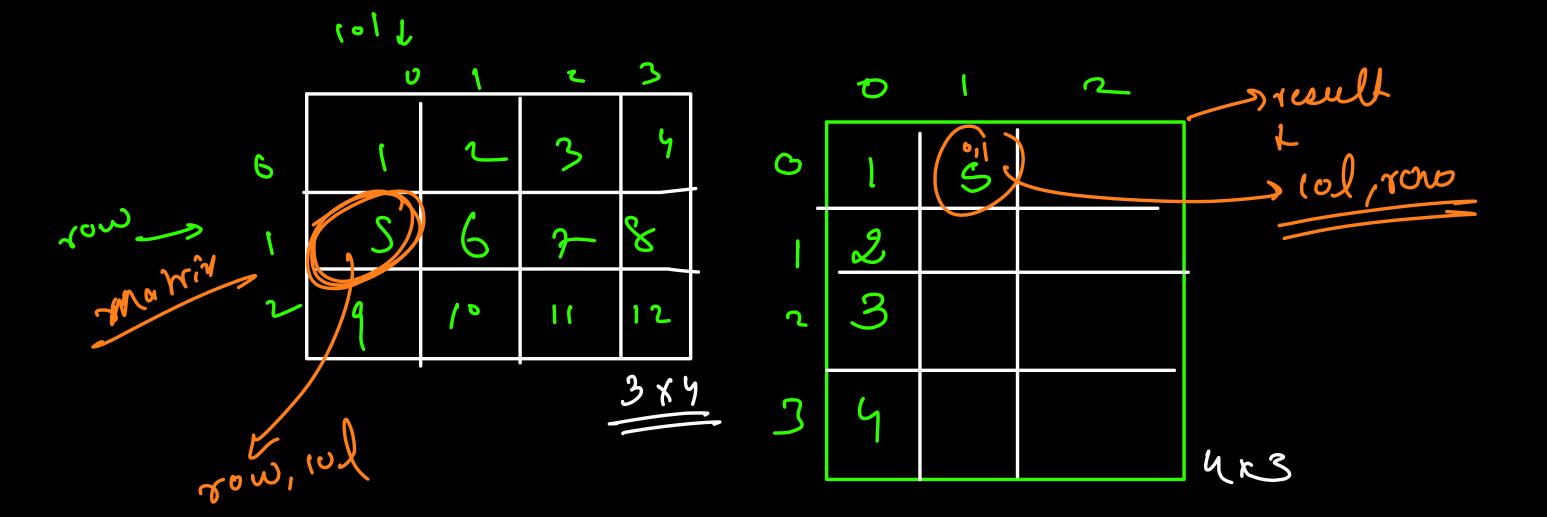
3 13 14 15 16

Even cols -> up to down

1 17 18 19 20 mxn

5 by odd cols -> down to up.





has a dimension (m, n) and the second 20 array has a dimension (m, n). Mulliply both the 2d arrays_ $\frac{a}{2} \begin{bmatrix} 1 & 1 \\ 2 & 1 \\ 5 & 1 \end{bmatrix}$ $\frac{b}{2} \begin{bmatrix} 1 & 1 & 1 \\ 2 & 2 & 2 \\ 0 & 1 \end{bmatrix}$ $\frac{2}{1} \begin{bmatrix} 2 & 1 & 1 \\ 2 & 2 & 2 \\ 0 & 1 \end{bmatrix}$ $\frac{2}{1} \begin{bmatrix} 2 & 1 & 1 \\ 2 & 1 & 2 \\ 0 & 1 & 1 \end{bmatrix}$ $\frac{2}{1} \begin{bmatrix} 2 & 1 & 1 \\ 2 & 1 & 2 \\ 0 & 1 & 1 \end{bmatrix}$ $\frac{2}{1} \begin{bmatrix} 2 & 1 & 1 \\ 2 & 1 & 2 \\ 0 & 1 & 1 \end{bmatrix}$ 3,3,3 6,6,6 9,9,9 3x3

a my form (;=1) 11 ary ral of b my In any row y heur neleuk relements $\frac{a}{2}$ $\frac{1}{2}$ $\frac{1}$ for(n=0;n<2;n++)
6[n][i] that find ousult matria C will be of make We know -, loget Clistje me ned to mulleply ; ra row of a will jet cal of b. dimensions. and multiply every claud multi clamets
from jth col of b.

1/create 2 d array of mx1c climensien on all of C for (1et i=0; i<m; i++) (for (1th j=0) d < K) d + T) C 1/ un are at some all int for(1ct x = 0; 2<n; 1++)6 C[i]Cj] += a[i][x] xb[x]Cjj; for (1et i=0; i<m; i++) (for (1ct j=0 jdckj d+7) C 11 une are at some cell in for (let x = 0; x < n; x + +) \mathcal{E} \mathcal{E} 3 D B