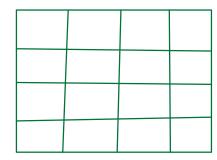


Neck of girafte

## 2D Arrays

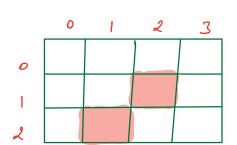
	Delhi	Mumbai	Chennai	Ranchi
Delhi	$\circ$	3000	-	~
Mumbri	3000	0	_	~
Chennai	5000	2000	0	~
Ranchi	4000	4000	r	$\bigcirc$

2D Array



An array of arrays

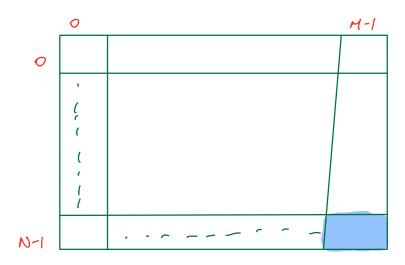
int mat [][] = new int [rows] (cols];



int matCJCJ = new int (37[4]

mat[1][2]
mat[2][1]

Total elements = 3 x 4 = 12



N-1, M-1

N rows

Total cells 3 nam

M cols

481: Print all elements of the 1st row
of a matrix
N→ rows
M→ cols

COJCOJ COJCIJ COJCZJ .... COJEM-2J [0][m-1]

for ( int col= 0; col < M; col++) {

4 B2: Print all elements of the 1st col of a matrix N→ rows M→ cols

[0] [0] for (int 2000-0; 2000 < N; 2000++) [
20 (0) Sop (mat [200] (0));
[20 (0) 3
:
[N-2] [0]
[N-10 [0]

1103: Given a matrin, print it row-row

	1	2	3	4		1	2	2	4	لے
	5	6	7	8	2)	5	6	7	8	لے
Ī	9	lo	11	12		9	10	11	12	₄ا

Rows & N Cols & M

> for (int row=0; row < N; row++) { for (int col=0; col < M; col++) {

SOP( mat[row](col]);

SoPln();

John Given a matrin, print it col-col

1 2 3 4

5 6 7 8

9 10 11 12

Rows = N

Cols = M

for (Int col: 0; col < M; col++) {

for (int row: 0; row < N; row ++) {

Sol (mat [row] [col]);

3

Sol In ();

Break: 10:05 pm

Code: https://www.interviewbit.com/snippet/5dd113034902a67f1f89/