

# Multidimensional Arrays





1-D Array

10	20	30	40	50
0	1	2	3	4

2-D Array

		Columns			
		0	1	2	← Column Index
r o w s	0	10	20	30	
	1	40	50	60	→ Row: 1 Column: 2 array[1][2]
	2	70	80	90	

↑  
Row Index



# How to create a 2-D array?

Declaration `type array_name[][] = new type[size][size];`

Example: `int a[][] = new int[3][3];`

OR

`type array_name[][]={{elements},{elements}}`

Example: `int b[][]={{1,2,3},{4,5,6}}`



Let's write some code.