

size of the array

number of
columns

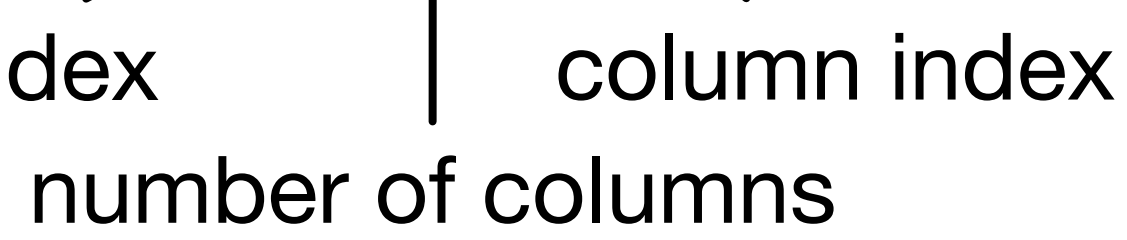
	0	1	2
0	1 [0][0]	2 [0][1]	3 [0][1]
1	4 [1][0]	5 [1][1]	6 [1][2]

```
int myArray[2][3] = {{1, 2, 3}, {4, 5, 5}};
```

encloses the entire array

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number of rows is **unnecessary**
while initializing



```
myArray[i][j] ↔ *(myArray + i * <num of columns> + j)
```

$$\&\text{myArray}[i][j] \leftrightarrow \text{myArray} + i * \langle \text{num of columns} \rangle + j$$
