

int arr[3][3] = {11, 22, 33, 44, 55, 66, 77, 88, 99};

arr

[0] Rows			[1] Rows			[2] Rows		
[0]	[1] cols	[2]	[0]	[1] col	[2]	[0]	[1] cols	[2]
11	22	33	44	55	66	77	88	99
100	104	108	112	116	120	124	128	132

100 112 124

R.

$$\text{arr}[1][2] = 66$$

$$* \left(*(\text{arr} + 1) + 2 \right)$$

$$100 + 1 \times 12$$

$$100 + 12 \rightarrow \underline{\underline{112}}$$

R.

$$\text{arr}[2][1] = 88$$

$$\text{arr} + 2 \times 12$$

$$100 + 24$$

$$* (124) + 1 \times 4$$

$$124 + 4 \rightarrow * (128) \rightarrow 88$$

arr[0][1] = 22.

$$* \left(*(\text{arr} + 0) + 1 \right)$$

$$* (100 + 0) + 1 \times 4$$

$$\frac{100 + 4}{* (104)}$$

arr[2][1]

$$* \left(*(\text{arr} + 2) + 1 \right)$$

$$100 + 2 \times 12$$

$$100 + 24$$

$$* (124) \rightarrow$$

$$124 \rightarrow \text{inner } 124$$

Rows

	[0]	[1]	[2]
100 [0]	11 100	22 104	33 108
112 [1]	44 112	55 116	66 120
124 [2]	77 124	88 128	99 132

cols