Main memory

Row Index **0**

myArray[0][0]   1 ← myArray

myArray[0][1]   2 ← myArray + 1

myArray[0][2]   3 ← myArray + 2

Row Index **1**

myArray[1][0]   4 ← myArray + 1 * 3

myArray[1][1]   5 ← myArray + 1 * 3 + 1

myArray[1][2]   6 ← myArray + 1 * 3 + 2

row major order