```
Main memory
                                ←—&myArray[0][0]
myArray[0][0]
                                \leftarrow &myArray[0][0] + (1) * sizeof(int)
myArray[0][1]
                                ←—&myArray[0][0] + (2) * sizeof(int)——gets us to second row
myArray[0][2]
                                \leftarrow \text{\&myArray[0][0]} + (1 * 3 + 0) * sizeof(int)
myArray[1][0]
                                \leftarrow \text{-\&myArray[0][0]} + (1 * 3 + 1) * sizeof(int)
myArray[1][1]
                                \leftarrow &myArray[0][0] + (1 * 3 + 2) * sizeof(int)
myArray[1][2]
                                                                              gets us to second column
                                                                column index
                                                row index
                                                     number of columns
&myArray[i][j] \leftrightarrow &myArray[0][0] + (i * <num of columns> + j) * sizeof(int)
```