

2015 #3 - Sparse Array

	0	1
A: Accesses all necessary elements of entries (no bounds errors)		x
A: Identifies element of entries at row index row and column index col, if exists		x
A: returns identified value or returns 0 if no entry exists in entries with row index row and column index col		x
B: Decrements numCols exactly once		x
B: Accesses all elements of entries (no bounds errors)		x
B: identifies and removes entry with column index col		x
B: creates new SparseArrayEntry with current row index, column index - 1, create value		x
B: Identifies and replaces entry with column index > col with created entry		x
B: on exit: all and only entries with column index col have been removed and all and only entries with column index > col have been changed to have column index - 1. All other entries are unchanged (minor loop errors ok)		x

Total: 9/9