

BBM 201 Data Structures
QUIZ 3
5.11.2019

Question: Fill in the following array with the contents of the given sparse matrix for an efficient access to the items in the matrix. Use the matrix notation given in the class.

M:

```
| 0 1 0 0 2 |  
| 0 0 0 4 0 |  
| -1 0 0 0 0 |  
| 0 0 3 0 0 |
```

A:

	Row	Col	Val
A[0]	4	5	5
A[1]	0	1	1
A[2]	0	4	2
A[3]	1	3	4
A[4]	2	0	-1
A[5]	3	2	3