

1	0	2	3	0	0
0	4	5	0	0	0
0	0	0	0	6	7
0	0	0	0	8	9

values = [1, 0, 0, 4, 2, 3, 5, 0, 6, 7, 8, 9]

row_start = [8, 12]

col_idx = [0, 1, 2]