

1	1	1
1	1	0
1	0	1

→

2	2	2
2	2	0
2	0	1

$$R = 3$$

$$C = 3$$

$$sr = 1$$

$$sc = 1$$

$$Stack = [(1,1)]$$

$$r = 1$$

$$c = 1$$

$$Stack = [(0,1), (1,0)]$$

1	1	1
1	2	0
1	0	1

$$r = 1$$

$$c = 0$$

$$Stack = [(0,1), (0,0), (2,0)]$$

1	1	1
2	2	0
1	0	1

$$r = 2$$

$$c = 0$$

$$Stack = [(0,1), (0,0)]$$

1	1	1
2	2	0
2	0	1

$$r = 0$$

$$c = 0$$

$$Stack = [(0,1), (0,1)]$$

2	1	1
2	2	0
2	0	1

$$r = 0$$

$$c = 1$$

$$Stack = [(0,1), (0,2)]$$

2	2	1
2	2	0
2	0	1

$$r = 0$$

$$c = 2$$

$$Stack = [(0,1)]$$

2	2	2
2	2	0
2	0	1

$$r = 0$$

$$c = 1$$

$$Stack = []$$

2	2	2
2	2	0
2	0	1