

Step	Open List	Closed List
0	(0, 0)	
1	(1, 0) (0, 1)	(0, 0)
2	(0, 2) (1, 0)	(0, 0) (0, 1)
3	(2, 0) (1, 1) (0, 2)	(0, 0) (0, 1) (1, 0)
4	(1, 2) (2, 0) (1, 1)	(0, 0) (0, 1) (1, 0) (0, 2)
5	(2, 1) (1, 2) (2, 0)	(0, 0) (0, 1) (1, 0) (0, 2) (1, 1)
6	(2, 1) (1, 2)	(0, 0) (0, 1) (1, 0) (0, 2) (1, 1) (2, 0)
7	(2, 1)	(0, 0) (0, 1) (1, 0) (0, 2) (1, 1) (2, 0) (1, 2)
8	(2, 2)	(0, 0) (0, 1) (1, 0) (0, 2) (1, 1) (2, 0) (1, 2) (2, 1)
9	(2, 2) = Target node	(0, 0) (0, 1) (1, 0) (0, 2) (1, 1) (2, 0) (1, 2) (2, 1)