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

open = [x, 2, 3, 4, 5, 6, 7, 8]

DATE / / PAGE NOTE BOOKS

node 0

1	2	3
*	4	6
7	5	8

g=0, h=3

c = 0+3 = 3

g=1, h=4
t=5

*	2	3
1	4	6
7	5	8

node1

g=1, h=2
t=3

1	2	3
4	*	6
7	5	8

node2

g=1, h=4
t=5

1	2	3
7	4	6
*	5	8

node3

g=2, h=1
t=3

1	2	3
4	5	6
7	*	8

node4

g=2, h=3
t=5

1	2	3
4	6	*
7	5	8

node5

g=2, h=3
t=5

1	*	3
4	2	6
7	5	8

node6

g=3, h=2
t=5

1	2	3
4	5	6
*	7	8

node7

g=3, h=0 t=3

1	2	3
4	5	6
7	8	*

node8

0,1	target=6
0,2	MD=3
1,3	cic=0
1,4	
2,5	
2,6	

A* algorithm

1. Based on Heuristic Search
2. keeps track of visited node and nodes left to be visited. By implementing List.
   So, saves huge time by not going to visited node at a level.