Practical - 3

Program Definition:

Write a python program to solve 8 puzzle problem using the A* algorithm.

Output:

Adeshara Brijesh:	MoveUp	
21012021001	5 1 2	
	4 3 x	
5 x 8	7 6 8	MayraDayın
4 2 1		MoveDown
7 3 6	MoveLeft	1 2 3
	5 1 2	5 6 x
MoveDown	4 x 3	4 7 8
5 2 8	7 6 8	
4 x 1		MoveLeft
7 3 6	MoveDown	1 2 3
Marria Di alata	5 1 2	
MoveRight	4 6 3	5 x 6
5 2 8 4 1 x	7 x 8	4 7 8
7 3 6		
7 3 0	MoveLeft	MoveLeft
MoveUp	5 1 2	1 2 3
5 2 x	4 6 3	x 5 6
4 1 8	x 7 8	4 7 8
7 3 6	X / 0	4 / 0
	MoveUp	Marca Darcin
MoveLeft	5 1 2	MoveDown
5 x 2	x 6 3	1 2 3
4 1 8	4 7 8	4 5 6
7 3 6	4,0	x 7 8
	MoveUp	
MoveDown	x 1 2	MoveRight
5 1 2	5 6 3	1 2 3
4 x 8	4 7 8	4 5 6
7 3 6		
Marria	MoveRight	7 x 8
MoveDown	1 x 2	
5 1 2 4 3 8	5 6 3	MoveRight
7 x 6	4 7 8	1 2 3
7 X 0		4 5 6
MoveRight	MoveRight	7 8 x
5 1 2	1 2 x	
4 3 8	5 6 3	Stone to goal, 21
7 6 x	4 7 8	Steps to goal: 21
		Execution Time= 6256.760358810425 ms

Name: Adeshara Brijesh G. Enrollment No: 21012021001

Batch: 6IT-E-1 Page | 1