	Lab-3
	Output.
£.	Enter 3x3 puzzle board
	Row 1:123
	Row 2: 405
	Row 3:786
	1 2 3 1 2 3
	4 0 5 -> 4 5 6 -> 4 5 6
	786 786 780
	De 1 11 a 2 a a a a a a a a a a a a a a a
0	Manhatten Dist
	Tol - 1 :
7	Tile 1:
T	current (0,0)
1 3	goal $(0,0)$ Distance = $10-01+t_1-11=0$
N 10	013101116 = 10 = 11 (1)=11 = 0
	Tile 2:
	curren+(0,1)
	god (0,1)
	Distance = 10-01 + 11-11 = 0
	Tile 3:-
	(vroent (0,3)
1	god (0, 2)
	Distance-(0-0)+(2-2) =0