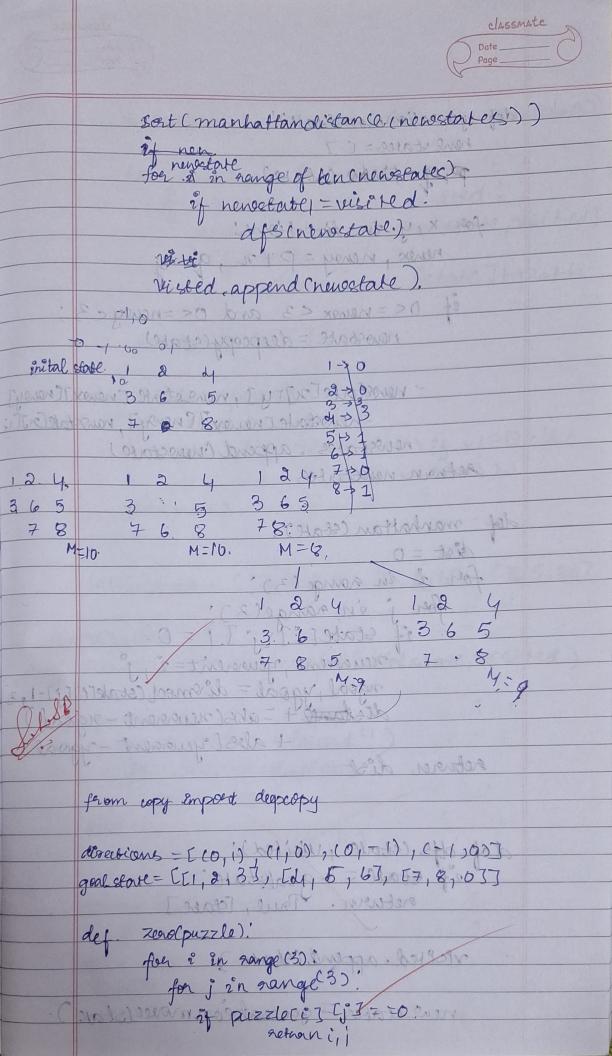
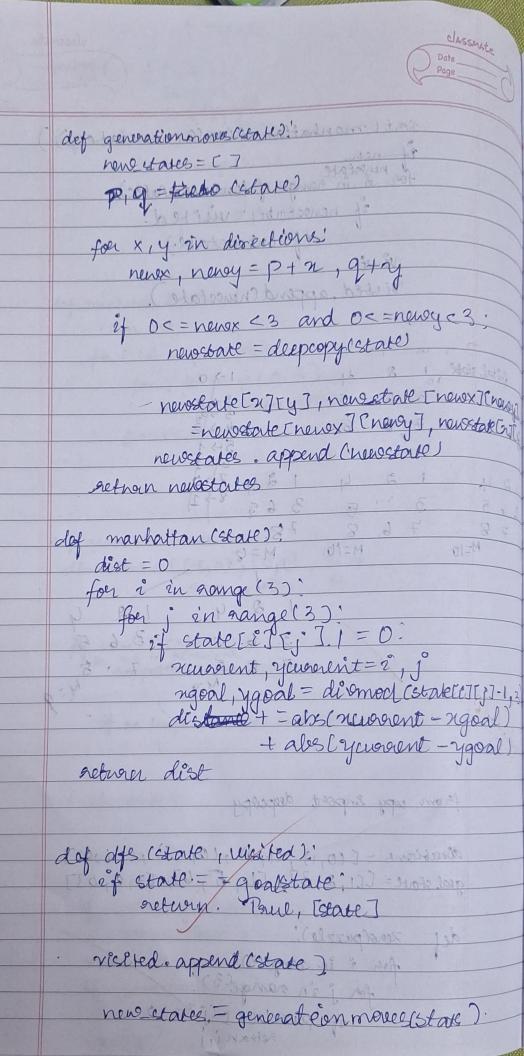
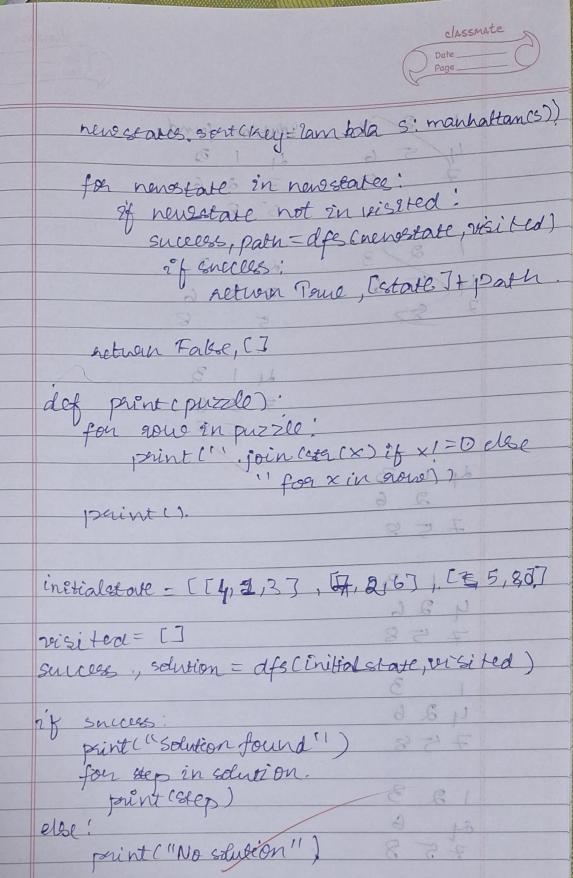
8 puzzle goalstate = [[1,2,3], det markateandistance pursto. (state) 8/10/34 for i in lange 10, 3) pa g in 200ge (0,3) of state[i][i]==0 Return is 11 zero state. 11 maggi 11 - Bondaga) def manhalfandistance Sum + 100/11 = = 100/11/10 100/1 for in range (0,3) distance = state (3-17-7 - goalstate Sum + = distance. The complex A = " chan ! and drester B pent with city proprie ages chow edil! def. generationmorres (state) directions: [[-1,0], [0,1], [0,-1], [.1,0] for x,y in directions,

neroposition = state[i]=j+dx, state[j]+dy if me swap newstate and oldstate. Samuel Marken is of Booms Stotes di def des (state). nows 3 " vistced[] of state = = goalstate Actuan Paul. if resistate ! = visited? min (manhattandistance des (ne westates) viseted. append (new state)







Solution found!

1 2 3

758

solution found 8 4/56 413 7 180328MAY 719 20161 DAMEN 1 barrier No 1015 18 10 CLANA 1 2 3 4 M 10 3 1 3 4 (50 6) 70 8 6 5 8 4 1 3. 4 10 60 1 4 miles 1010 5 18 / NOR CHAS 22/2 0=1× 1: (x) 240 min; // 1 / miner 4 1 2 6 758 1084 alet or - [[42,27, 4,2871,[5,507] 426 758 Surces solution = decinition stay viris red) 426 758 (17 houst mounded) this 758 mint ("Na contine") Latas bruet resents 123 1 2 3

Output Clear Solution found! 4 1 3 7 2 6 5 8 4 1 3 7 2 6 5 8 4 1 3 7 2 6 5 8 4 1 3 2 6 7 5 8 1 3 4 2 6 7 5 8 1 3 4 2 6 7 5 8 1 2 3 4 6 7 5 8

```
1 2 3
4 5 6
7 8

1 2 3
4 5 6
7 8

=== Code Execution Successful ===
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