PAGE: 8/10/24
DATE: ________

	AS PACE:	PAGE: 8/10/24
1	LLL TIAG PA	V DAIL .
	8-puzzle	
	A	1 Finles
1	elenti canate coal con	riguration of 3x3 mately
	Step 1: Create Goal consignation of 3x3 motels Step 2: Where o' supresents the blank tile.	
	8-64 0: downer the bornble	directions for moving blankfile
	II III Alouna Lela la Olgania	
1	Chila: Mailettan runc	non calculater the distance
	Step 3. Manuales Hole nu	imber on mones required to
1.1.	which estimates the number of mones required to	
	reach the good	Called is-good state
	Step 4: Create junction Called is-good state which checks whether a girien state matches the	
	1 Duich Checks bissens a Justice III	
7	Goal state	
· P	step S: In neighboring ,	It iterates through the
	fuzzle to locate the position of 0'	
	Sussic VI water the	3-5
	10 10 10 10 10	123 123
	Algorithm (uing DFS) stat-state=[]	087 1996
	Stat_state=[]	initial good.
- 30	goal stall = 1 1	
14-1	Hack . puch (start state)	
eri	Wished set = 3 9	
\$	moves = 0	
	3 (1) 1 (1) (1) 1 (1)	
	nisted set add (current state)	
Vill	in Courent state = goal_state)	
	ig (not in winted det)	
	1	
	left = d(1, y+1)	
	shatt (i, j-1)	
	Wp= f(1-1, i)	
	down = d (i+1, j)	
	b o	
	print (moves)	

Spopul At Hunge print Com else: print ("No dolution found.")

```
[4, 1, 3]
[0, 2, 6]
[7, 5, 8]
[0, 1, 3]
[4, 2, 6]
[7, 5, 8]
[1, 0.3]
[4, 2, 6]
[7, 5, 8]
[1, 2, 3]
[4, 0, 6]
[7, 5, 8]
[1, 2, 3]
[4, 5, 6]
[7, 0, 8]
[1, 2, 3]
[4, 5, 6]
[7, 8, 0]
=== Code Execution Successful ===
```

Solution found: [4, 1, 3] [7, 2, 6] **[5, 8, 0]** [4, 1, 3] [7, 2, 6] [5, 0, 8][4, 1, 3] [7, 2, 6] [0, 5, 8] [4, 1, 3] [0, 2, 6][7, 5, 8] [0, 1, 3] [4, 2, 6] [7, 5, 8] [1, 0, 3][4, 2, 6] [7, 5, 8]