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IBM2CS335 Yashraj Sinha Yacuum Cleaner
Starting Vacuum Cleaner Simulation
Current Grid State:
0 1
0 0

Cell at (1, 1) is already clean.
Vacuum moved left to position (1, 0)
Current Grid State:
0 1
0 0

Cell at (1, 0) is already clean.
Vacuum moved right to position (1, 1)
Current Grid State:
0 0

Cell at (1, 1) is already clean.
Vacuum moved right to position (1, 1)
Current Grid State:
0 0

Cell at (1, 1) is already clean.
Vacuum moved up to position (0, 1)
Current Grid State:
0 1
0 0

Cleaned cell at position (0, 1)
Vacuum moved down to position (1, 1)
Current Grid State:
0 1
0 0

Cleaned cell at position (0, 1)
Vacuum moved down to position (1, 1)
Current Grid State:
0 1
0 0
Current Grid Sta
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IBMC2CS335_rashca; Sinha_8-puzzle_bfs_dfs

Salving Symurls using BFS.

Serie 31 [1, 2, 3], [4, 5, 6], [0, 7, 6]]

Step 1: [(1, 2, 3], [4, 5, 6], [7, 7, 6]]

Step 2: [(1, 2, 3], [4, 5, 6], [4, 7, 6]]

Step 3: [(2, 2, 3], [4, 5, 6], [4, 7, 6]]

Step 3: [(2, 2, 3], [4, 5, 6], [4, 7, 6]]

Step 4: [(1, 2, 3], [4, 5, 6], [4, 7, 6]]

Step 6: [(1, 2, 3], [4, 5, 6], [4, 7, 6]]

Step 6: [(1, 2, 3], [4, 5, 6], [7, 8, 6]]

Step 6: [(1, 2, 3], [4, 5, 6], [7, 8, 6]]

Step 6: [(1, 2, 3], [4, 5, 6], [4, 7, 6]]

Step 1: [(1, 2, 3], [4, 5, 6], [4, 7, 6]]

Step 1: [(1, 2, 3], [4, 5, 6], [4, 7, 6]]

Step 1: [(1, 2, 3], [4, 5, 6], [4, 7, 6]]

Step 3: [(2, 3, 3], [1, 5, 6], [4, 7, 6]]

Step 3: [(2, 3, 3], [1, 7, 6], [4, 7, 6]]

Step 6: [(2, 5, 3], [1, 7, 6], [4, 7, 6]]

Step 7: [(2, 5, 3], [1, 7, 6], [4, 7, 6]]

Step 8: [(3, 5, 3], [2, 7, 6], [1, 4, 6]]

Step 8: [(3, 5, 3], [2, 7, 6], [1, 4, 6]]

Step 8: [(3, 5, 3], [2, 7, 6], [1, 4, 6]]

Step 8: [(3, 5, 3], [2, 7, 6], [1, 4, 6]]

Step 8: [(3, 7, 3], [2, 7, 6], [1, 4, 6]]

Step 9: [(3, 7, 3], [2, 7, 6], [1, 4, 6]]

Step 1: [(7, 7, 3], [2, 4, 6], [2, 1, 8]]

Step 1: [(7, 7, 3], [2, 4, 6], [2, 1, 8]]

Step 1: [(7, 7, 3], [2, 4, 6], [2, 2, 8]]

Step 1: [(7, 7, 3], [2, 4, 6], [2, 2, 8]]

Step 1: [(7, 7, 4), [1, 6], [2, 2, 8]]

Step 1: [(7, 7, 4), [2, 1, 6], [2, 2, 8]]

Step 1: [(7, 7, 4), [2, 1, 6], [2, 2, 8]]

Step 2: [(1, 7, 4), [2, 1, 6], [2, 2, 8]]

Step 3: [(7, 7, 4), [2, 1, 6], [2, 2, 8]]

Step 3: [(7, 7, 4), [2, 1, 6], [2, 2, 8]]

Step 3: [(7, 7, 4), [2, 1, 6], [2, 2, 8]]

Step 3: [(7, 7, 4), [2, 1, 6], [2, 2, 8]]

Step 3: [(7, 7, 4), [2, 2, 6], [2, 3, 8]]

Step 3: [(7, 7, 4), [2, 2, 6], [2, 3, 8]]

Step 3: [(7, 7, 4), [2, 2, 6], [2, 3, 8]]

Step 3: [(7, 7, 4), [2, 2, 6], [2, 3, 8]]

Step 3: [(7, 7, 4), [2, 2, 6], [2, 3, 8]]

Step 3: [(7, 7, 4), [2, 2, 6], [2, 3, 8]]

Step 3: [(7, 7, 4), [2, 2, 6], [2, 3, 8]]

Step 3: [(7, 7, 4), [2, 2, 6], [2, 3, 8]]

Step 3: [(7, 7, 4), [2, 2, 6], [2, 3, 8]]

Step 3: [(7, 7, 4), [2, 2, 6], [2, 3, 8]]

Step 3: [(7, 7, 4), [2, 2, 8], [2, 3, 8]]
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ii. Move to the next applying strategy BFS DFS or other d. If no disty cell as Stop.

