WEEK 2

8 PUZZLE PROBLEM

```
========================================================== RESTART: C:\Users\91762\Downloa
Enter the start state (3x3 matrix, row by row, with 0 representing the blank space):
3 4 5
1 2 6
7 8 0
Enter the goal state (3x3 matrix, row by row, with 0 representing the blank space):
1 2 3
4 5 6
7 8 0
goal state achieved
[1, 2, 3]
[4, 5, 6]
[7, 8, 0]
```

ITERATIVE DEEPENING SEARCH

```
>>>
    ========================================
    Searching at depth: 0
    Searching at depth: 1
    Searching at depth: 2
    Goal G found!
```