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arvr016@arvr016-H310M-H:~$ python3 bfs.py
BFS traversal order: ['B', 'E', 'X', 'K', 'P', 'G', 'A', 'R', 'D', 'T', 'H', 'M']
MAC Address: 1f:7e:f8:e3:8e:3b
```

```
arvr016@arvr016-H310M-H:~$ python3 dfs.py
DFS traversal order: [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12]
MAC Address: 1f:7e:f8:e3:8e:3b
```

```
arvr016@arvr016-H310M-H:~$ python3 8puzzle.py
Initial State:
(2, 8, 3)
(1, 6, 4)
(7, None, 5)

Final State:
(1, 2, 3)
(8, None, 4)
(7, 6, 5)

Solution found in 5 moves:
(2, 8, 3)
(1, 6, 4)
(7, None, 5)

(2, 8, 3)
(1, None, 4)
(7, 6, 5)

(2, None, 3)
(1, 8, 4)
(7, 6, 5)
```

```
(None, 2, 3)
(1, 8, 4)
(7, 6, 5)

(1, 2, 3)
(None, 8, 4)
(7, 6, 5)

(1, 2, 3)
(8, None, 4)
(7, 6, 5)
```

```
MAC Address: 1f:7e:f8:e3:8e:3b
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