

```
1 C:\Users\Harsh\anaconda3\python.exe "C:\Users\Harsh\A
.I. Codes\python_AI_Code\2_A_Star.py"
2 Enter the start state:(Enter -1 for empty):
3 1
4 2
5 3
6 -1
7 4
8 6
9 7
10 5
11 8
12 Enter the goal state:(Enter -1 for empty):
13 1
14 2
15 3
16 4
17 5
18 6
19 7
20 8
21 -1
22
23 1 2 3
24 _ 4 6
25 7 5 8
26
27 1 2 3
28 4 _ 6
29 7 5 8
30
31 1 2 3
32 4 5 6
33 7 _ 8
34
35 1 2 3
36 4 5 6
37 7 8 _
38 Solved in 3 moves
39 Solved in 3 moves
40
```

41 Process finished with exit code 0

42