```
 1 C:\Users\paney\anaconda3\python.exe C:\Users\paney\Documents\
   Studies\AI_Class\Assignment_1\enviroment.py
 2 ----Welcome to Hurricane Evacuation Problem----
 3 loading config.yaml file...
 4 agents:
 5 [('A_STAR_AGENT', 1)]
 6 world:
 7 vertices: [V:1, P:0, F:stable], [V:2, P:1, F:brittle], [V:3, P:
   0, F:brittle], [V:4, P:2, F:stable]
 8 edges: (1, 2, 1), (1, 3, 4), (2, 1, 1), (2, 3, 1), (2, 4, 5), (
   3, 4, 1), (3, 2, 1), (3, 1, 4), (4, 3, 1), (4, 2, 5)
 9 Press Enter to start..
10
11 AGENT 1): A_STAR_AGENT
12 Search returned sequence: [V2, V3, V4]
13 Current vertex: [V:1, P:0, F:stable]
14 Current sequence: [V2, V3, V4]
15 Moving to: [V:2, P:1, F:brittle]
16
17 AGENT 1): A_STAR_AGENT
18 Current vertex: [V:2, P:1, F:brittle]
19 Current sequence: [V3, V4]
20 Moving to: [V:3, P:0, F:brittle]
21 Saving: [V:2, P:1, F:brittle]
22 Breaking: [V:2, P:0, F:brittle]
23
24 AGENT 1): A_STAR_AGENT
25 Current vertex: [V:3, P:0, F:brittle]
26 Current sequence: [V4]
27 Moving to: [V:4, P:2, F:stable]
28 Breaking: [V:3, P:0, F:brittle]
29 Saving: [V:4, P:2, F:stable]
30
31 AGENT 1): A_STAR_AGENT
32 Search returned sequence: []
33 TERMINATED
34
35
36
37 AGENTS SCORES:
38
39 #### AGENT 1): A_STAR_AGENT ####
40 Score: 3
41 Number of expansions: 3
42 Number of movements: 3
43 Total time passed: 3.0300000000000002
44 Agent reached goal!!! ▯
45
```

```
46 World at End:
47 vertices: [V:1, P:0, F:stable], [V:2, P:0, F:broken], [V:3, P:0
   , F:broken], [V:4, P:0, F:stable]
48 edges: (1, 2, 1), (1, 3, 4), (2, 1, 1), (2, 3, 1), (2, 4, 5), (
   3, 4, 1), (3, 2, 1), (3, 1, 4), (4, 3, 1), (4, 2, 5)
49
50 Process finished with exit code 0
51
```