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PS C:\Users\Chayce\Documents\CollegeFinalSemester\Algorithms\ScriptsAndExamples\Graph
s> .\Dijkstra_ProfEppesImplementation.py
Distances from waypoint 1 to potential destinations:
Waypoint 6: 6
Waypoint 8: 6
Waypoint 9: 4
Waypoint 15: 6
Waypoint 16: 3
Waypoint 22: 7

Most likely escape route: Waypoint 16
Total distance (sum of weights): 3
Path: 1 → 11 → 17 → 16

All escape routes:
To waypoint 6 (distance 6): 1 → 2 → 3 → 4 → 5 → 6
To waypoint 8 (distance 6): 1 → 11 → 10 → 9 → 8
To waypoint 9 (distance 4): 1 → 11 → 10 → 9
To waypoint 15 (distance 6): 1 → 11 → 17 → 16 → 14 → 15
To waypoint 16 (distance 3): 1 → 11 → 17 → 16
To waypoint 22 (distance 7): 1 → 11 → 17 → 16 → 14 → 20 → 22

Verifying with igraph's built-in function:
To waypoint 6 (distance 6): 1 → 2 → 3 → 4 → 5 → 6
To waypoint 8 (distance 6): 1 → 11 → 10 → 9 → 8
To waypoint 9 (distance 4): 1 → 11 → 10 → 9
To waypoint 15 (distance 6): 1 → 11 → 17 → 16 → 14 → 15
To waypoint 16 (distance 3): 1 → 11 → 17 → 16
To waypoint 22 (distance 7): 1 → 11 → 17 → 16 → 14 → 20 → 22
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