

Last login: Sun Jan 31 20:42:04 on ttys000

Naveenkumars-MacBook-Pro:src naveenkumar2703\$ python aihw1.py

Enter city 1:

Arad

Enter city 2:

Bucharest

Choose a search method: bfs or dfs or ids

bfs

Calling:bfs algorithm

Arad, Sibiu, Fagaras, Bucharest - 450

Naveenkumars-MacBook-Pro:src naveenkumar2703\$ python aihw1.py

Enter city 1:

Sibiu

Enter city 2:

eforie

Choose a search method: bfs or dfs or ids

bfs

Calling:bfs algorithm

Sibiu, Fagaras, Bucharest, Urziceni, Hirsova, Eforie - 579

Naveenkumars-MacBook-Pro:src naveenkumar2703\$ python aihw1.py

Enter city 1:

Drobeta

Enter city 2:

Fagaras

Choose a search method: bfs or dfs or ids

bfs

Calling:bfs algorithm

Drobeta, Craiova, Pitesti, Bucharest, Fagaras - 570

Naveenkumars-MacBook-Pro:src naveenkumar2703\$ python aihw1.py

Enter city 1:

arad

Enter city 2:

Bucharest

Choose a search method: bfs or dfs or ids

ids

Calling:ids algorithm

Enter limit for iterative depth search:

3

Arad, Sibiu, Fagaras, Bucharest - 450

Naveenkumars-MacBook-Pro:src naveenkumar2703\$ python aihw1.py

Enter city 1:

sibiu

Enter city 2:

EFORIE

Choose a search method: bfs or dfs or ids

ids

Calling:ids algorithm

Enter limit for iterative depth search:

25

Sibiu, Arad, Zerind, Oradea, Sibiu, Arad, Zerind, Oradea, Sibiu, Arad, Zerind, Oradea, Sibiu, Arad, Zerind, Oradea, Sibiu, Fagaras, Bucharest, Urziceni, Hirsova, Eforie - 2764

Naveenkumars-MacBook-Pro:src naveenkumar2703\$ python aihw1.py

Enter city 1:

Drobeta

Enter city 2:

Fagaras

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File "/Users/naveenkumar2703/Documents/Dirty/AI/PA1/src/
Depth_First_Finder.py", line 34, in explore_child_nodes
    return self.explore_child_nodes(option_node)
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Depth_First_Finder.py", line 34, in explore_child_nodes
    return self.explore_child_nodes(option_node)
File "/Users/naveenkumar2703/Documents/Dirty/AI/PA1/src/
Depth_First_Finder.py", line 29, in explore_child_nodes
    option_node = location(option,node,self.distance_directory)
File "/Users/naveenkumar2703/Documents/Dirty/AI/PA1/src/location.py", line
5, in __init__
    self.next_location_names =
get_next_location_names(city,prev_city,route_dict)
File "/Users/naveenkumar2703/Documents/Dirty/AI/PA1/src/location.py", line
15, in get_next_location_names
    nxt_city_lst.append(get_other_city(dist, currentcity))
File "/Users/naveenkumar2703/Documents/Dirty/AI/PA1/src/location.py", line
24, in get_other_city
    if distance.city1 == currentcity:
RuntimeError: maximum recursion depth exceeded in cmp
Naveenkumars-MacBook-Pro:src naveenkumar2703$ python aihw1.py
Enter city 1:
Sibiu
Enter city 2:
Eforie
Choose a search method: bfs or dfs or ids
dfs
Calling:dfs algorithm
Traceback (most recent call last):
  File "aihw1.py", line 109, in <module>
    finder.searchRoute()
  File "/Users/naveenkumar2703/Documents/Dirty/AI/PA1/src/
Depth_First_Finder.py", line 17, in searchRoute
    destination = self.explore_child_nodes(origin_node)
  File "/Users/naveenkumar2703/Documents/Dirty/AI/PA1/src/
Depth_First_Finder.py", line 34, in explore_child_nodes
    return self.explore_child_nodes(option_node)

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neamt
Enter city 2:
bucharest
Choose a search method: bfs or dfs or ids
dfs
Calling:dfs algorithm
Neamt, Iasi, Vaslui, Urziceni, Bucharest - 406
Naveenkumars-MacBook-Pro:src naveenkumar2703$
```