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Command Prompt
Microsoft Windows [Version 10.0.18363.1082]
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C:\Users\12245>cd PycharmProjects

C:\Users\12245\PycharmProjects>cd pa1

C:\Users\12245\PycharmProjects\pa1>python map.py travel-input.txt BFTS
Goal Node <Node G>
Solution path ['A', 'B', 'G']
Solution cost 14

C:\Users\12245\PycharmProjects\pa1>python map.py travel-input.txt BFGS
Goal Node <Node G>
Solution path ['A', 'B', 'G']
Solution cost 14

C:\Users\12245\PycharmProjects\pa1>python map.py travel-input.txt DFTS
Goal Node <Node G>
Solution path ['C', 'D', 'E', 'G']
Solution cost 16

C:\Users\12245\PycharmProjects\pa1>python map.py travel-input.txt DFGS
Goal Node <Node G>
Solution path ['C', 'E', 'G']
Solution cost 13

C:\Users\12245\PycharmProjects\pa1>
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Command Prompt

Solution path ['C', 'D', 'E', 'G']
Solution cost 16

C:\Users\12245\PycharmProjects\pa1>python map.py travel-input.txt DFGS
Goal Node <Node G>
Solution path ['C', 'E', 'G']
Solution cost 13

C:\Users\12245\PycharmProjects\pa1>python map.py travel-input.txt UCTS
7 paths have been expanded and 0 paths remain in the frontier
Goal Node <Node G>
Solution path ['A', 'D', 'E', 'G']
Solution cost 12

C:\Users\12245\PycharmProjects\pa1>python map.py travel-input.txt UCGS
7 paths have been expanded and 0 paths remain in the frontier
Goal Node <Node G>
Solution path ['A', 'D', 'E', 'G']
Solution cost 12

C:\Users\12245\PycharmProjects\pa1>python map.py travel-input.txt ASTS
Goal Node <Node G>
Solution path ['A', 'D', 'E', 'G']
Solution cost 12

C:\Users\12245\PycharmProjects\pa1>python map.py travel-input.txt ASGS
Goal Node <Node G>
Solution path ['A', 'D', 'E', 'G']
Solution cost 12
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```
C:\Users\12245\PycharmProjects\pa1>python map.py travel-input.txt GBFTS
before <function <lambda> at 0x0BEE6580>
f <function memoize.<locals>.memoized_fn at 0x0BEE65C8>
Goal Node <Node G>
Solution path ['A', 'B', 'G']
Solution cost 14

C:\Users\12245\PycharmProjects\pa1>python map.py travel-input.txt GBFGS
Goal Node <Node G>
Solution path ['A', 'B', 'G']
Solution cost 14

C:\Users\12245\PycharmProjects\pa1>python map.py travel-input.txt ASGS
Goal Node <Node G>
Solution path ['A', 'D', 'E', 'G']
Solution cost 12

C:\Users\12245\PycharmProjects\pa1>python map.py travel-input.txt ASTS
Goal Node <Node G>
Solution path ['A', 'D', 'E', 'G']
Solution cost 12

C:\Users\12245\PycharmProjects\pa1>python map.py travel-input.txt UCTS
7 paths have been expanded and 0 paths remain in the frontier
Goal Node <Node G>
Solution path ['A', 'D', 'E', 'G']
Solution cost 12

C:\Users\12245\PycharmProjects\pa1>
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