

Windows PowerShell

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尝试新的跨平台 PowerShell <https://aka.ms/pscore6>

PS E:\MSCS\205\Pac-Man\search> python autograder.py --q q1

Starting on 2-7 at 20:33:39

Question q1

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\*\*\* PASS: test\_cases\q1\graph\_backtrack.test

\*\*\* solution: ['1:A->C', '0:C->G']

\*\*\* expanded\_states: ['A', 'D', 'C']

\*\*\* PASS: test\_cases\q1\graph\_bfs\_vs\_dfs.test

\*\*\* solution: ['2:A->D', '0:D->G']

\*\*\* expanded\_states: ['A', 'D']

\*\*\* PASS: test\_cases\q1\graph\_infinite.test

\*\*\* solution: ['0:A->B', '1:B->C', '1:C->G']

\*\*\* expanded\_states: ['A', 'B', 'C']

\*\*\* PASS: test\_cases\q1\graph\_manypaths.test

\*\*\* solution: ['2:A->B2', '0:B2->C', '0:C->D', '2:D->E2', '0:E2->F', '0:F->G']

\*\*\* expanded\_states: ['A', 'B2', 'C', 'D', 'E2', 'F']

\*\*\* PASS: test\_cases\q1\pacman\_1.test

\*\*\* pacman layout: mediumMaze

\*\*\* solution length: 130

\*\*\* nodes expanded: 146

### Question q1: 3/3 ###

Finished at 20:33:39

Provisional grades

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Question q1: 3/3

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Total: 3/3

Your grades are NOT yet registered. To register your grades, make sure to follow your instructor's guidelines to receive credit on your project.

PS E:\MSCS\205\Pac-Man\search> python autograder.py --q q2

Starting on 2-7 at 20:34:26

Question q2

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*** PASS: test_cases\q2\graph_backtrack.test
***      solution:                ['1:A->C', '0:C->G']
***      expanded_states:         ['A', 'B', 'C', 'D']
*** PASS: test_cases\q2\graph_bfs_vs_dfs.test
***      solution:                ['1:A->G']
***      expanded_states:         ['A', 'B']
*** PASS: test_cases\q2\graph_infinite.test
***      solution:                ['0:A->B', '1:B->C', '1:C->G']
***      expanded_states:         ['A', 'B', 'C']
*** PASS: test_cases\q2\graph_manypaths.test
***      solution:                ['1:A->C', '0:C->D', '1:D->F', '0:F->G']
***      expanded_states:         ['A', 'B1', 'C', 'B2', 'D', 'E1', 'F', 'E2']
*** PASS: test_cases\q2\pacman_1.test
***      pacman layout:           mediumMaze
***      solution length: 68
***      nodes expanded:          269

```

### Question q2: 3/3 ###

Finished at 20:34:26

Provisional grades

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Question q2: 3/3

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Total: 3/3

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PS E:\MSCS\205\Pac-Man\search> python autograder.py --q q3

Starting on 2-7 at 20:34:30

Question q3

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```

*** PASS: test_cases\q3\graph_backtrack.test
***      solution:                ['1:A->C', '0:C->G']
***      expanded_states:         ['A', 'B', 'C', 'D']
*** PASS: test_cases\q3\graph_bfs_vs_dfs.test
***      solution:                ['1:A->G']
***      expanded_states:         ['A', 'B']

```

```

*** PASS: test_cases\q3\graph_infinite.test
***     solution:          ['0:A->B', '1:B->C', '1:C->G']
***     expanded_states:   ['A', 'B', 'C']
*** PASS: test_cases\q3\graph_manypaths.test
***     solution:          ['1:A->C', '0:C->D', '1:D->F', '0:F->G']
***     expanded_states:   ['A', 'B1', 'C', 'B2', 'D', 'E1', 'F', 'E2']
*** PASS: test_cases\q3\ucs_0_graph.test
***     solution:          ['Right', 'Down', 'Down']
***     expanded_states:   ['A', 'B', 'D', 'C', 'G']
*** PASS: test_cases\q3\ucs_1_problemC.test
***     pacman layout:     mediumMaze
***     solution length: 68
***     nodes expanded:    269
*** PASS: test_cases\q3\ucs_2_problemE.test
***     pacman layout:     mediumMaze
***     solution length: 74
***     nodes expanded:    260
*** PASS: test_cases\q3\ucs_3_problemW.test
***     pacman layout:     mediumMaze
***     solution length: 152
***     nodes expanded:    173
*** PASS: test_cases\q3\ucs_4_testSearch.test
***     pacman layout:     testSearch
***     solution length: 7
***     nodes expanded:    14
*** PASS: test_cases\q3\ucs_5_goalAtDequeue.test
***     solution:          ['1:A->B', '0:B->C', '0:C->G']
***     expanded_states:   ['A', 'B', 'C']

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### Question q3: 3/3 ###

Finished at 20:34:30

Provisional grades

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Question q3: 3/3

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Total: 3/3

Your grades are NOT yet registered. To register your grades, make sure to follow your instructor's guidelines to receive credit on your project.

PS E:\MSCS\205\Pac-Man\search> python autograder.py --q q4

Starting on 2-7 at 20:34:32

#### Question q4

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```
*** PASS: test_cases\q4\astar_0.test
***      solution:          ['Right', 'Down', 'Down']
***      expanded_states:    ['A', 'B', 'D', 'C', 'G']
*** PASS: test_cases\q4\astar_1_graph_heuristic.test
***      solution:          ['0', '0', '2']
***      expanded_states:    ['S', 'A', 'D', 'C']
*** PASS: test_cases\q4\astar_2_manhattan.test
***      pacman layout:      mediumMaze
***      solution length:    68
***      nodes expanded:     221
*** PASS: test_cases\q4\astar_3_goalAtDequeue.test
***      solution:          ['1:A->B', '0:B->C', '0:C->G']
***      expanded_states:    ['A', 'B', 'C']
*** PASS: test_cases\q4\graph_backtrack.test
***      solution:          ['1:A->C', '0:C->G']
***      expanded_states:    ['A', 'B', 'C', 'D']
*** PASS: test_cases\q4\graph_manypaths.test
***      solution:          ['1:A->C', '0:C->D', '1:D->F', '0:F->G']
***      expanded_states:    ['A', 'B1', 'C', 'B2', 'D', 'E1', 'F', 'E2']
```

### Question q4: 3/3 ###

Finished at 20:34:32

#### Provisional grades

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Question q4: 3/3

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Total: 3/3

Your grades are NOT yet registered. To register your grades, make sure to follow your instructor's guidelines to receive credit on your project.

PS E:\MSCS\205\Pac-Man\search>