

AI HW1 README

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Execution Result of Q1 & Q2

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Question Q1
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Route Length: 2
*** PASS: test_cases/Q1/graph_backtrack.test
***   solution:      ['1:A->C', '0:C->G']
***   expanded_states: ['A', 'D', 'C']
Route Length: 2
*** PASS: test_cases/Q1/graph_bfs_vs_dfs.test
***   solution:      ['2:A->D', '0:D->G']
***   expanded_states: ['A', 'D']
Route Length: 3
*** PASS: test_cases/Q1/graph_infinite.test
***   solution:      ['0:A->B', '1:B->C', '1:C->G']
***   expanded_states: ['A', 'B', 'C']
Route Length: 6
*** 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']
Route Length: 130
*** PASS: test_cases/Q1/pacman_1.test
***   pacman layout:   mediumMaze
***   solution length: 130
***   nodes expanded:  146

### Question Q1: 3/3 ###

Finished at 15:56:52

Provisional grades
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Question Q1: 3/3
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Total: 3/3

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Question Q2
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Route Length: 2
*** PASS: test_cases/Q2/graph_backtrack.test
***   solution:      ['1:A->C', '0:C->G']
***   expanded_states: ['A', 'B', 'C', 'D']
Route Length: 1
*** PASS: test_cases/Q2/graph_bfs_vs_dfs.test
***   solution:      ['1:A->G']
***   expanded_states: ['A', 'B']
Route Length: 3
*** PASS: test_cases/Q2/graph_infinite.test
***   solution:      ['0:A->B', '1:B->C', '1:C->G']
***   expanded_states: ['A', 'B', 'C']
Route Length: 4
*** 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']
Route Length: 68
*** PASS: test_cases/Q2/pacman_1.test
***   pacman layout:   mediumMaze
***   solution length: 68
***   nodes expanded:  269

### Question Q2: 3/3 ###

Finished at 15:56:58

Provisional grades
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Question Q2: 3/3
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Total: 3/3

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