CS 205 AI Project - Part I  
**Pac-Man Automated Search**

short line

Grading

| Google Drive Organization (3 Pts) | 2 |
| --- | --- |
| Code, Clarity and Comments(7 Pts) | 4 |
| README(10 pts) | 7 |
| Question 1(Depth First Search) (15 pts) | 15 |
| Question 1 aux (Is this a least cost solution?)(5pts) | 5 |
| Question 2(Breadth First Search) (15 pts) | 15 |
| Question 2 aux (BFS Generalizability to eightpuzzle.py ) - (5 pts) | 15 |
| Question 3(Uniform Cost Search) (15 pts) | 5 |
| Question 4(A\* Search) (20 pts) | 20 |
| Question 4 aux. (Open Maze) (5pts) | 4 |
| **TOTAL (100 PTS)** | 92 |

Comments/Annotations

* DFS expanded more nodes than expected for openMaze
* No comments in search.py
* Readme does not document project progress and learnings

CS 205 AI Project - Part II  
**Pac-Man Automated Search**

short line

Grading

| Google Drive Organization (5 Pts) | 5 |
| --- | --- |
| Code, Clarity and Comments(10 Pts) | 10 |
| README(10 pts) | 10 |
| Question 5(tinyCorners) (15 pts) | 15 |
| Question 5(mediumCorners)(15pts) | 15 |
| Question 6(Heuristic - Admissibility ) (15 pts) | 15 |
| Question 6(Heuristic - Consistency ) (15 pts) | 15 |
| Question 6(Heuristic - Expanded Nodes) (15 pts) | 15 |
| **TOTAL (100 PTS)** | 100 |

Comments/Annotations

CS 205 AI Project - Part III  
**Pac-Man Automated Search**

short line

Grading

| Drive Organization (5 pts) | 5 |
| --- | --- |
| README (10 pts) | 10 |
| Final Report (15 pts) | 15 |
| Question 7(All dots) (15 pts) | 15 |
| Question 7(Tricky search ) (15 pts) | 15 |
| Question 8(Heuristic - Admissibility ) (10 pts) | 10 |
| Question 8(Heuristic - Consistency ) (10 pts) | 10 |
| Question 6(Optimality - Expanded Nodes) (20 pts) | 20 |
| **TOTAL (100 PTS)** | 100 |

Comments/Annotations

-Excellent optimality yet again