Artificial Intelligence Course Project: The 8- and The 15- Puzzle

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1   Hypothesis

This is the report for the semester project for CS:4420 Artificial Intelligence. The project is divided into 2 parts. On the first part, we propose to compare two heuristics on the 8-puzzle problem with the Manhattan distance heuristics, using the A* search strategy for testing. We then compare the average solution depth for each case. In the second part, we implement the 15-puzzle problem using the IDA* and SMA* search strategies for testing.

Keywords:

2   Report

3   Acknowledgements

4   References