## Discussion of AI Project 1

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**Problem Definition:** Formal description of the search problem.

**Heuristics:** Mathematical definition and descriptions for your heuristic functions, including what they measure, and why they are admissible.

**Performance Metrics:** for each of the heuristic, run the five puzzles and report the number of nodes generated (i.e put on the frontier queue) and the number of nodes visited, in a table.

**Discussion:** Discuss the results. Whether they are consistent with how you expected the results to turn out, along with the other observations for experiments and three different heuristics employed.