MATH 626 Project 12 - 8-Puzzle Problem

For Project 12 you will need to improve the efficiency of the depth first search approach to solving the 8-Puzzle. Currently, generates `8PuzzleBaseCode.c` has a very basic pruning strategy. There are a large amount of test problems in `8PuzzleTestProblems.c`.

Your task is to discover, and implement, pruning strategies so as to reduce the total number of recursive calls necessary to solve the 8-Puzzle. Do not overprune the search tree and miss the optimal solution.