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CS331
Assignment 1

I wasn't able to complete the assignment. I was only able to kind of implement depth first search, but it is broken due to an error in my action functions.

Discussion

For this assignment I would expect that A* algorithm would be the best search algorithm to solve the problem as it is informed and it also has knowledge of the states that are not the goal. Breadth first search would most likely come in second in due to looking at the tree level by level instead of searching deep into one branch. This could avoid many redundant or steps that cycle back, whereas depth first search will go down one branch which could be many steps which will waste time.