Team members: Ando Pepe, Zachary Vega, and Patrick Gardner

Description: For this assignment we created a program that runs 3 separate algorithms to find the optimal path from a vacuum to clean 20 rooms. The algorithms were uniform cost tree search, uniform cost graph search, and iterative deepening tree search. Each of the algorithms follow the provided pseudocode.

Language: Python 3.12

Hardware: The implementation should be hardware independent. It has been testing in a Windows environment.

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