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CS 499

Mod 3 Milestone

This artifact is called Treasure Hunt. This program takes a maze and finds the shortest distance from the start to the end using a q-learning algorithm. The maze that the program uses is hardcoded in as a 2 dimensional array. For the first enhancement I changed it so that the program would take a json file for a maze input. This will allow for more variety in and thorough training. I believe that this sets my on a good path to complete the course outcomes. The process of enhancing and modifying this artifact helped me to start thinking beyond the projects guidelines. Much of the computer science work I have done up until this point has been in a classroom within certain project parameters or expectations. This has started to help me think beyond those parameters to consider how the project can be improved.