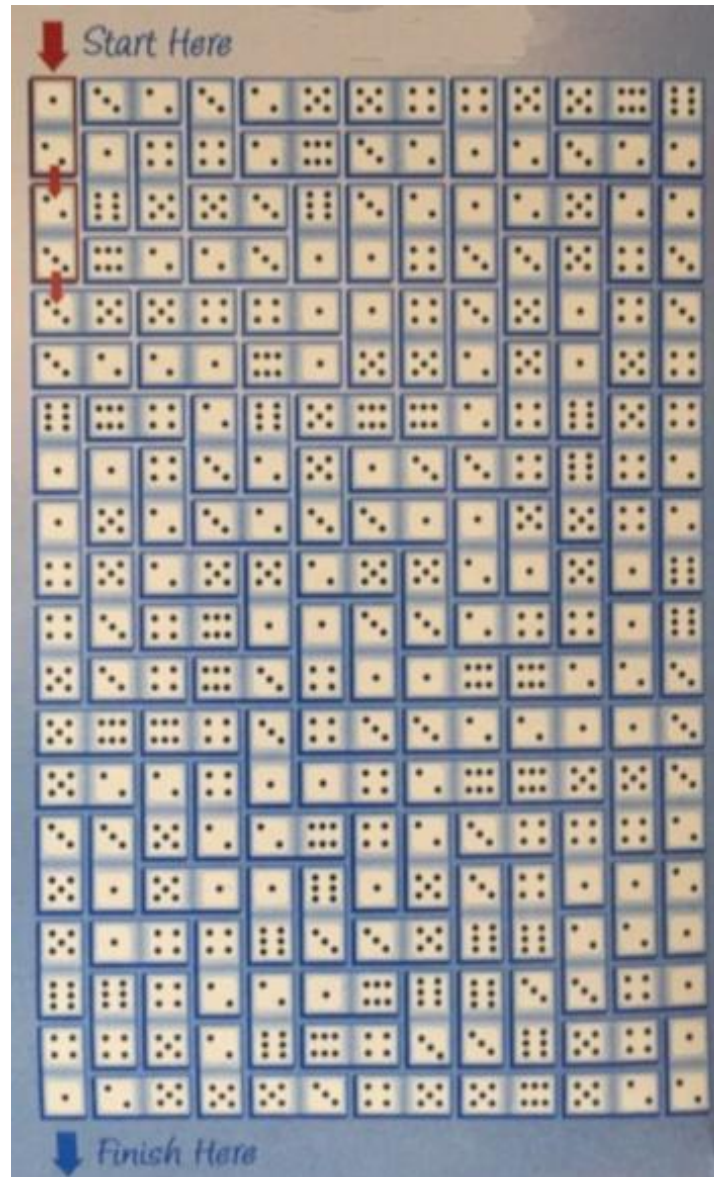


ETGG 4803
50 points

Lab #3
Due Date: 16 February 2020

Build an AI that can find its way through the domino maze. A legal move consists of moving from one end of a domino to the other end or horizontally or vertically to a matching number on another domino.



1. (10 points) Appropriate representation of the problem.
2. (25 points) Implementation of appropriate algorithm(s) for finding a path through the maze. Include a visual aspect that shows the path through the maze from the beginning.
3. (15 points) Written description of your approach to the problem. Your essay should include pros and cons of your approach. Describe things that worked well, things that did not, and a runtime analysis. Briefly discuss ways you might improve the implementation.