Lab 14 – Graphs for Solving Mazes

This lab can be completed with groups of up to 3 students. Each student must submit a solution to their own dropbox and they must mention who they worked with.

Convert the following maze into a graph problem. You will need to decide on the vertices and edges.

Diagram

Description automatically generated

Draw the nodes on top of the graph (use whatever drawing tool you want).

Get a copy of the bfs.py file and create the graph (vertices and edges) and then use the program to find the shortest path through your maze.