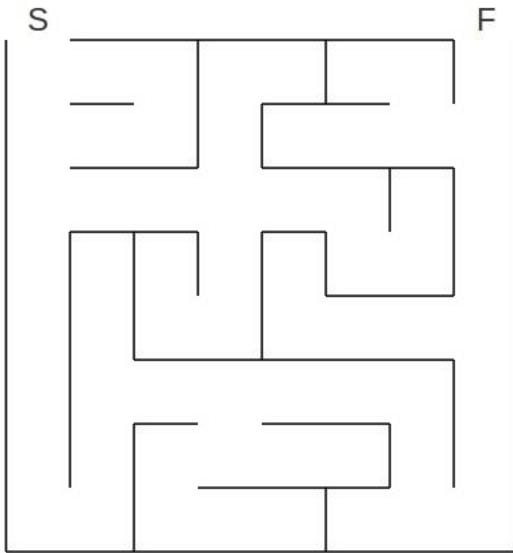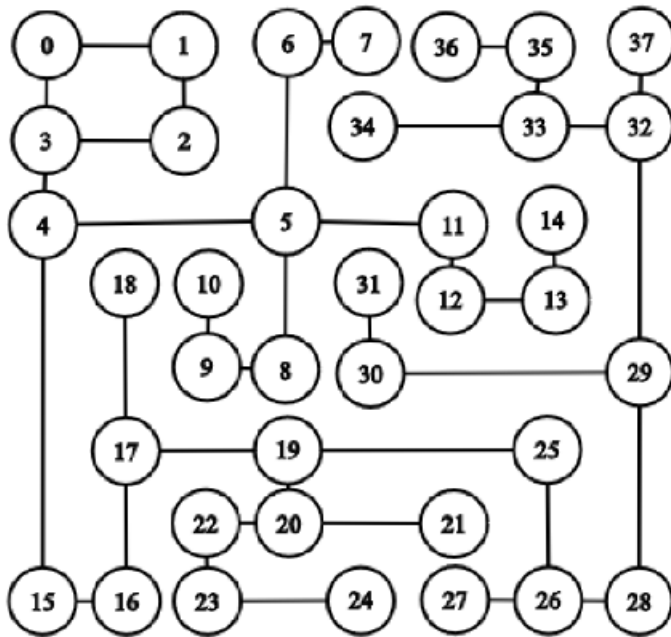# Maze Worksheet

Consider the following maze:

Show how to model the maze as a graph.

Perform a breadth-first search on the maze to show how this algorithm can be used to find the shortest path from start to finish.

The shortest path takes 12 vertexes:

0 -> 3 -> 4 -> 15 -> 16 -> 17 -> 19 -> 25 -> 26 -> 28 -> 29 -> 32 -> 37