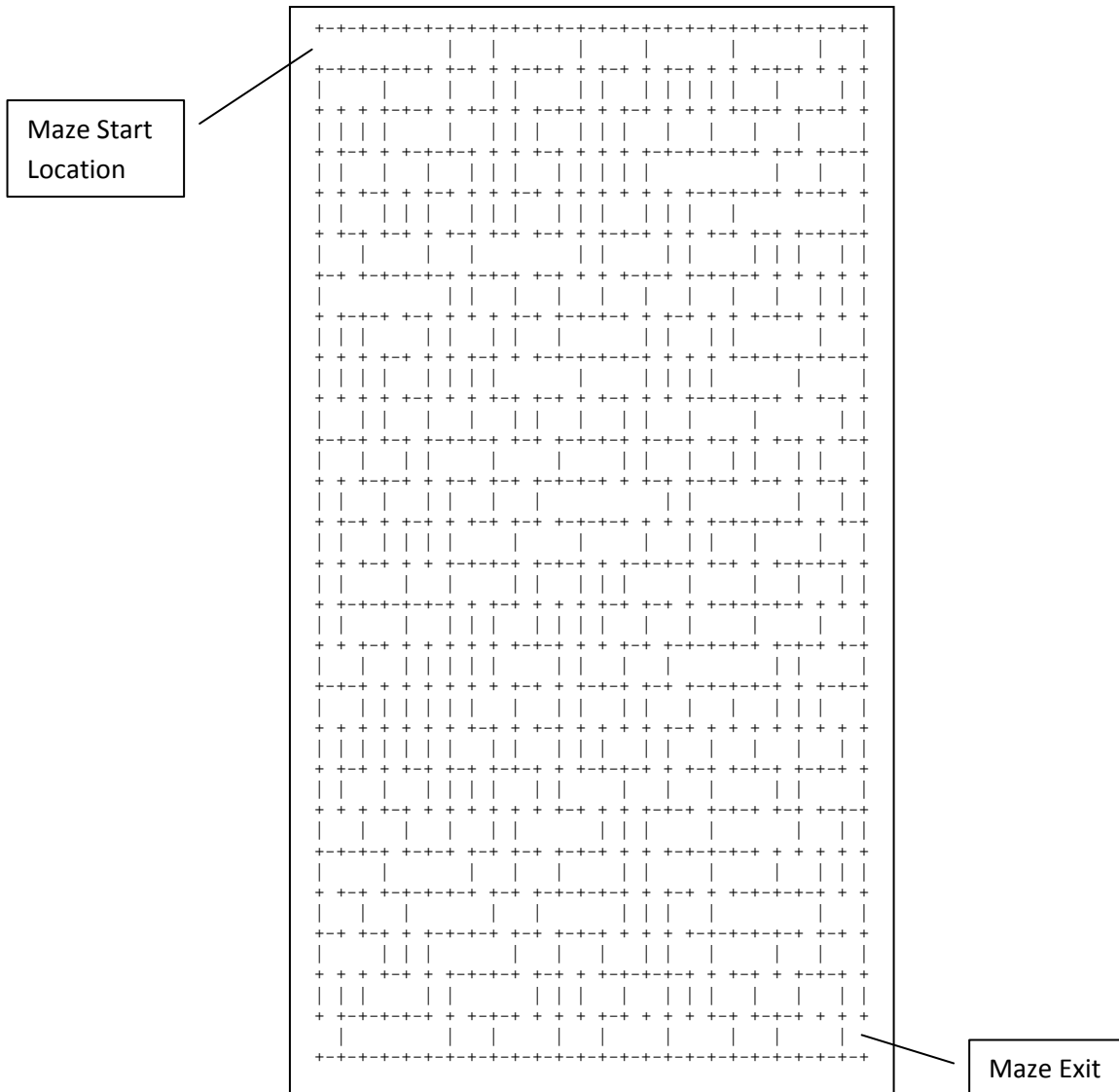


Assignment 2 – Maze Solver

For this assignment, you are tasked to build a console application that will solve a given maze.

The maze will be given to you as a simple text file. The file will contain a 25x25 maze that will use the pipe (|), hyphen (-) and plus sign (+) to represent the maze walls.

Example:



Your application will then read the maze file and, using stacks and/or queues, produce the solution to the maze as a second text file. The solution through the maze will be noted using another character, such as the pound sign (#).

The maze solution file will resemble the following:

[illegible]

Note:

For simplicities sake, you may assume the maze is always a 25x25 grid. However, you cannot assume the maze itself is always the same (i.e. the solution could change).

You can also assume that the maze always starts at the top left-hand corner and ends at the bottom right-hand corner.