Shinya Yamamoto Professor Ruben Acuna SER 222 28 August 2016

Test Maze Program

First of all, the maze program is modified to display the positions making up the successful path after the program solved a maze. Thus, we test

A) Print out check

If the maze cannot be solved, do not display the positions.

B) Check if the last position is not printed out.

In addition to these tests, we need more tests since the program is modified so that the user can define the staring and ending position on solving a maze.

C) Invalid input check

5, 3, 10 => Invalid Input

2, 4 => Valid Input

12 => Invalid Input

1000000, 3000000 => Invalid Input for testfile.txt

D) end point check

column, row => Valid Input

0, 0 => Valid Input