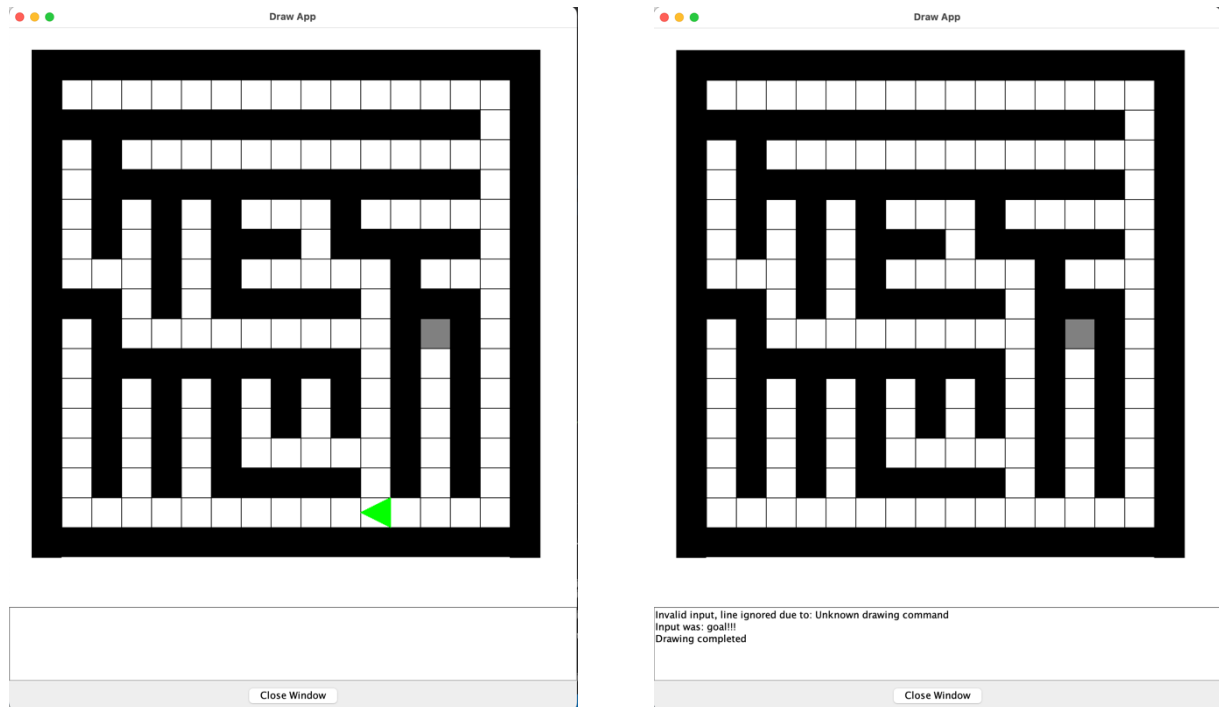## \<Name\>

COMP0002 Principles of Programming, C Coursework
Maze Auto-generator and Auto-solver

\<Features\>

Maze Auto-generator and Auto-solver first generates a solvable maze, which has the size of 15 × 15, using randomized Kruskal's algorithm.
Then, the robot will search the way from the starting point to the exit marker, using Depth-first search (DPS).
The program shows the robot's motion as it searches the exit from the start position.

\<Requirements\>

To run this program, the following files should be in the same directory.
1. drawapp-2.0.jar
2. graphics.h
3. graphics.c

\<Commands\>

gcc -o maze maze.c graphics.c
./maze | java -jar drawapp-2.0.jar