Implement two algorithms to solve the maze you created for last week’s lab: breadth-first search and depth-first search. You must apply the two algorithms to find a path from the start point (the bottom-left corner) to the end point (the top right corner). You must use a queue to implement breadth-first search and a stack to implement depth-first search (the recursive solution is not allowed). You may use the implementations of stacks and queues provided by Java or create your own. Compare the running times of your algorithms for different mazes sizes.

As usual, write a report describing your results.