2. Given the algorithm, main function, and maze shown at the end of problem 1, what are the first 12 (r,c) coordinates popped off the stack by the algorithm?

For this problem, you'll turn in either a Word document named hw.docx or hw.doc, or a text file named hw.txt, that has your answer to this problem (and problem 4).

(5, 3), (6, 3), (4, 3), (4, 2), (4, 1)

4. Given the same main function and maze as are shown at the end of problem 1, what are the first 12 (r,c) coordinates popped from the queue in your queue-based algorithm?

(5, 3), (5, 4), (4, 3), (6, 3), (5, 5)

How do the two algorithms differ from each other? (Hint: how and why do they visit cells in the maze in a different order?)

Stack:

For this problem, you'll turn in either a Word document named hw.docx or hw.doc, or a text file named hw.txt, that has your answer to this problem (and problem 2).