2. The first 12 coordinates of mazestack are:

(6,4)

(6,3)

(6,5)

(7,5)

(8,5)

(8,6)

(8,7)

(8,8)

(7,8)

(6,6)

(5,4)

(4,4)

4. The first 12 coordinates of mazequeue are:

(6,4)

(5,4)

(6,5)

(6,3)

(4,4)

(6,6)

(7,5)

(3,4)

(4,5)

(8,5)

(2,4)

(4,6)

The reason the two algorithms are different comes down to the fact that one is implemented with a stack, while the other is made with a queue. The stack pops the last coordinate that was entered, WEST, and continues the process from there. The queue, on the other hand, dequeues the first coordinate that was entered, NORTH, and continues the process from there. So, the order in which the coordinates are produced around a point are reversed.