PA 10 Plan

1. Create a two-dimensional array containing integers
2. Start searching from the top left
3. Assign number to node and push it into the stack
4. Mark as visited
5. Save the previous number
   1. In conditional, check all 8 direction but make sure it’s on the map and greater than the last node
   2. Run the function recursively if it both match
6. Create global constant that keeps track of the longest chain
   1. With each backtrack run this function
   2. Keep the link in a string
7. After it going back, go down one row and restart it

\*look at eight queens for recursion, and maze for keeping track of notes