Notes for AI Assignment

Neighbouring

For each node, go through all 8 possible locations for a neighbour by checking the x and y of the potential neighbour. If the x and y values are valid, add a neighbour and try the next position. Once all possible neighbours are added for a node, go to the next node until all nodes have their respective neighbours with positions from 1 to 8.

Algorithm

Check each nodes neighbours by cycling through 1 to 8 and check that neighbours potential for being the next step in the path for the node.