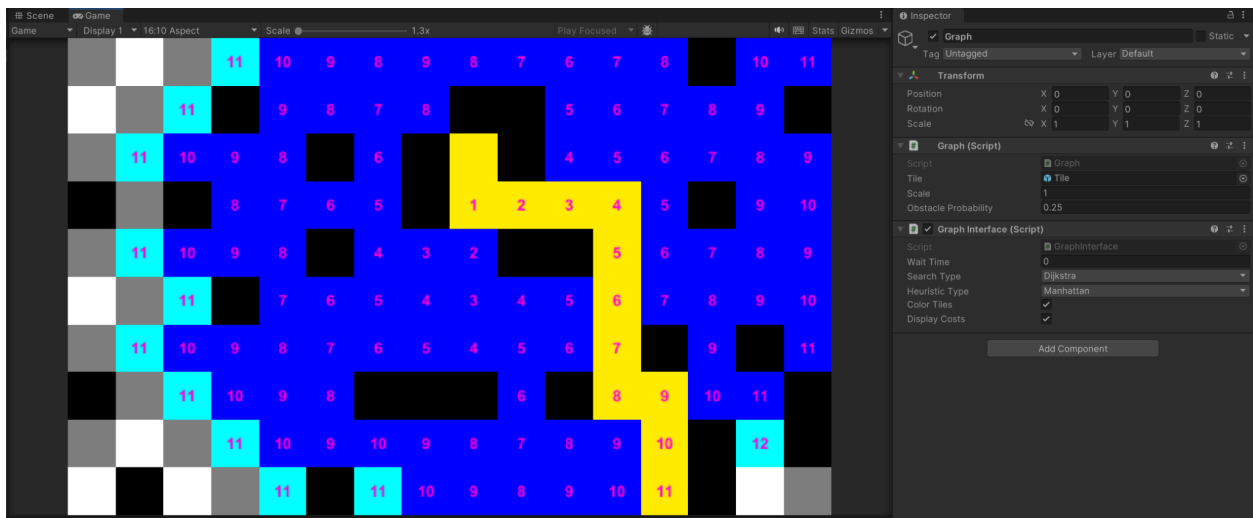
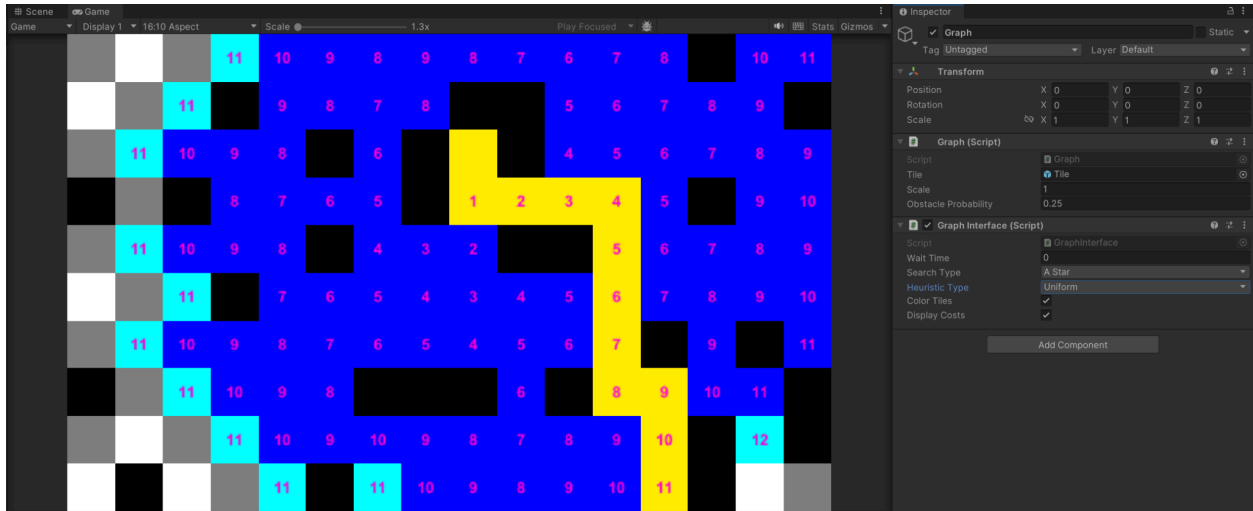


There's a very slight difference between how the cross product heuristic and how the manhattan heuristic choose their paths. The cross product takes a more direct approach by going down first before going to the side. The manhattan takes a less direct approach by going sideways first before going down.



The uniform heuristic for the A* algorithm is identical to the Dijkstra algorithm in how it checks nodes and the path it eventually chooses