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CS4300

### Minigrid 1

**Heuristics:** I decided to go with the heuristic method that we covered in class which was the Manhattan distance. This one seemed to make the most sense to me while also providing a score that I was happy with. I didn't really feel the need to try any of the others since I got a good score with the Manhattan distance and I understood it well. It is used commonly in pathfinding problems and this is exactly that.

### **Scores**

Dimensions	Iterations	Average Score
N2-S4	100	0.8341749999999997
N4-S5	100	0.7627375000000001
N6-S6	100	0.711325

**Total Average Score:** 0.7694125