

Describe any implementation choices you made that you felt were important. Clearly explain any aspects of your program that aren't working. Mention anything else that we should know when evaluating your work.

Looks like everything works similar to the reference outputs.

2. What can you say about the the time and space complexity of your program?

As value iteration is the dependent component for the complexity of the program and within value iteration each iteration searches all states and all actions for said states therefore the complexity would be $O(\text{States} \times \text{States} \times \text{Actions})$.

3. What suggestions do you have for improving this assignment in the future?

None.