CS 411 - Artificial Intelligence I
Fall 2018
Assignment 12
Department of Computer Science, University of Illinois at Chicago

Total Points: 25

Write a program to define a MDP problem for a generic grid world (e.g. figure 17.1 of AIMA textbook page 646) and use value iteration to print the values of states in each iteration. The description of MDP (T, R, gamma, and epsilon) should be loaded from the text file as input. Also, include a write-up describing the format of the input file and how to run the program.

Programming Language
Java, Python or c++

Grading Rubric
Parse input text into MDP class => 5
Value Iteration => 10
Print values of states in each iteration => 5
Writeup => 5