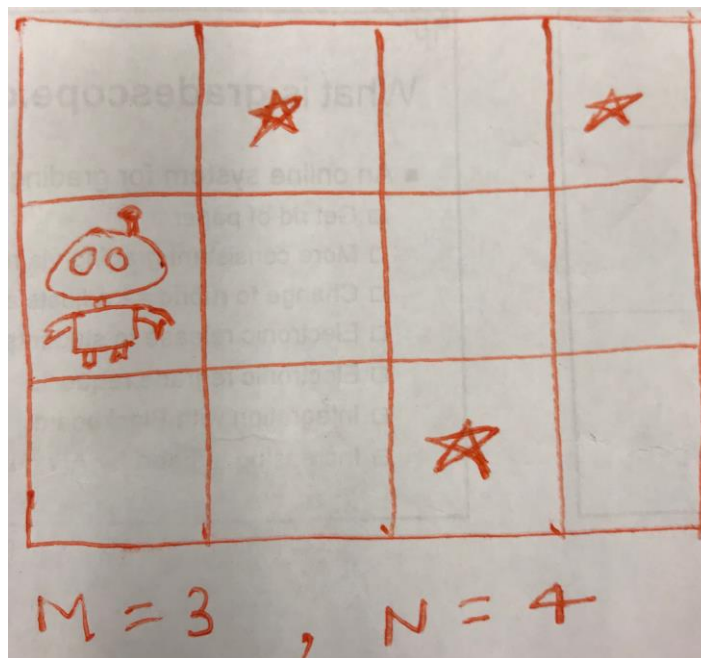CS 411 - Artificial Intelligence I
Fall 2018
Assignment 2
Department of Computer Science, University of Illinois at Chicago

Total Points : 25

1. Explain the difference between goal-based agent and utility-based agent in your own words [7]

2. Imagine environment below, in which the agent can move left, right, up and down, and pick up stars.[18]

Try to specify as precisely as you can what conditions would make this environment:

a. partially/fully observable [3]
b. deterministic/stochastic [3]
c. dynamic/static [3]
d. episodic/sequential [3]
e. known/unknown [3]
f. single agent/multi-agent [3]