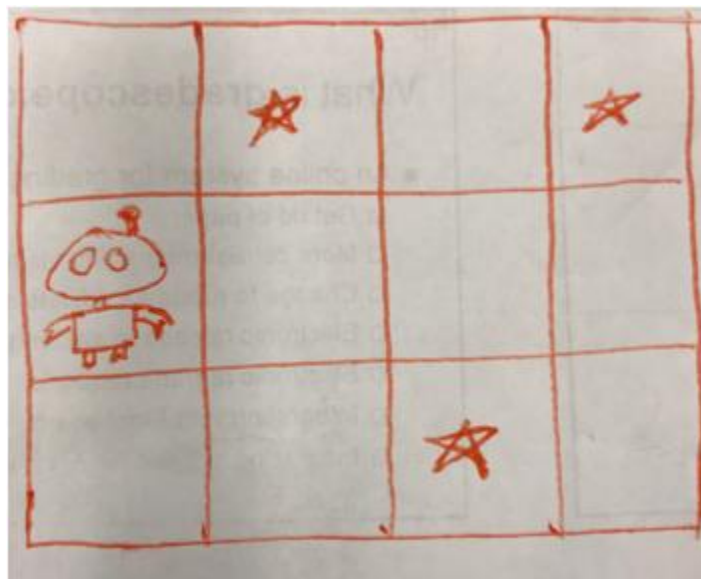


CS 411 - Artificial Intelligence I
Fall 2019
Assignment 2
Department of Computer Science, University of Illinois at Chicago

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. continuous/discrete [3]