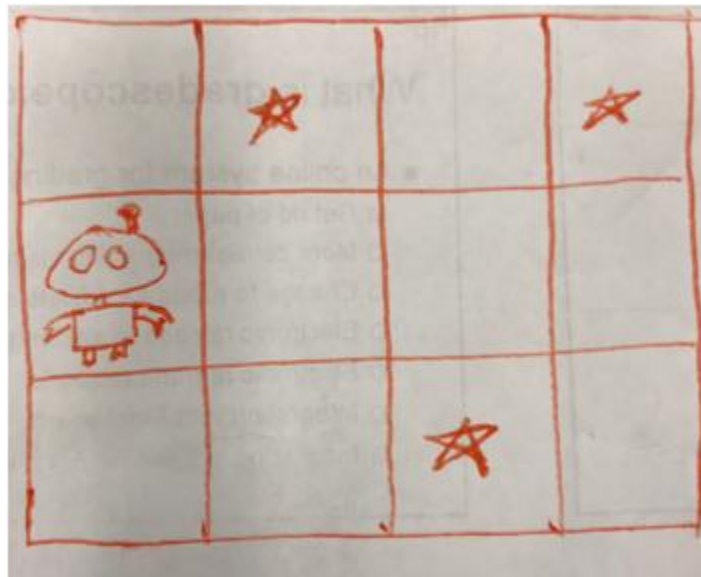CS 411 - Artificial Intelligence I
Fall 2024
Assignment 2
Department of Computer Science, University of Illinois at Chicago

Total Points : 25

1. Explain the difference between goal-based agent and utility-based agent [4]

2. Imagine environment below, in which the agent can move left, right, up and down, and pick up stars.[21]

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

a. fully observable
b. partially observable
c. deterministic
d. stochastic
e. dynamic
f. static
g. sequential
h. episodic
i. known
j. unknown
k. continuous

l.   discrete
m. single-agent
n. multi-agent

NOTE: Due date for Assignment 2 submission is 09/13/2024