

**Artificial Intelligence (CS 534)**  
**Assignment 1 (130 pts. total)**  
**Due: [September 21, ANYTIME](#)**

**1. Chapter 2, Ex. 2.3 (45 points, 5 points for each subquestion)**

**2. Chapter 2, Ex. 2.9 (29 points)**

Notes:

- Implementation should be in Python
- Output the sequence of actions for the environment and initial location described in Figure 2

**3. Chapter 3, Ex. 3.2 (28 points, 7 pts for each subquestion)**

Notes:

- Each answer should be explained

**4. Chapter 3, Ex. 3.3 (28 points, 7 pts for each subquestion)**

Notes:

- Each answer should be explained