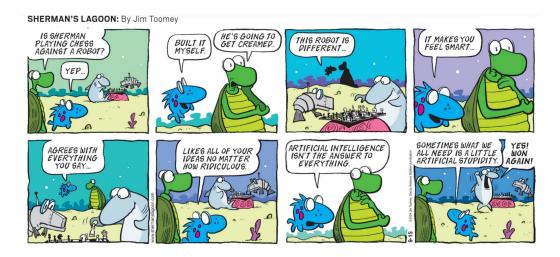
CSCI 3202 Lecture 4

August 29, 2025



Sherman's Lagoon by Jim Toomey: http://www.shermanslagoon.com/

Announcements

- HW 1 Due Wed, Sept 3 at 11:59 pm
- First quiz today

Quizzes

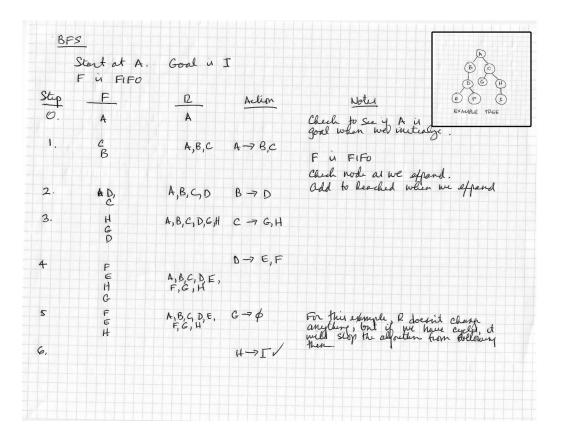
- · In class only
- 12 quizzes during semester
- · Drop your 2 lowest quizzes
- 2-4 multiple choice questions in general
- · Covers lectures from last week or two
- 5 minutes to complete
- Begins at 2:10
- In Canvas
- Requires an access code given in class
- Leave after you complete the quiz
- 12 quizzes during semester

Readings

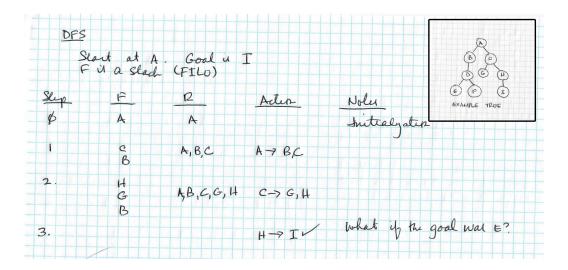
- AIMA sections 3.4-3.6 for today, next week
- Subjects UCS, A*, Greedy Search

Lecture

- BFS
 - Visits all nodes beginning at source
 - Visits closest in nodes first then moves 1 "row" further out
 - Why is BFS Complete?
 - Why is BFS Optimal?



Lecture 3 Slides



Next Week

- Review quiz
- UCS, A* Search
- HW 2 Released on Wed, Sep 6