HMM Example

- Point to stress about HMMs
  - There need not be a correlation between real states and the HMM states
  - Example: modeling a coin toss

Three-state HMM

- Modeling a coin toss

Final Exam

- May 6th at 7:00 p.m. in this classroom (THN E316)
- CLOSED BOOK / CLOSED NOTE

Final Exam will cover

- Review Chapters 3 and 4
  - These are not going to be emphasized on the test, but you should be familiar with the basic search representations of
    - uniformed/informed search
    - gradient descent
    - simulated annealing
    - GA
    - Search in Continuous spaces

Final Exam will Cover

- Chapters 8, 9, 15, 17, and 20
  - 8: First-order logic (excluding 8.4)
  - 9: Inference in FOL
  - 15.3: HMM
  - 15.6: Speech Recognition
  - 17: Making complex decisions
  - 20: Statistical Learning / NN (Sections 1, 2, and 5)
Grading Options

• Original Plan
  – 40% for three programs, 25% for each test, 10% for homework
• We had two programs
  – Reallocate remaining 13% to whichever category is highest
  • two programs -> 40%
  • homework -> 23%
  • midterm -> 38%
  • final -> 38%

Movies

Final Words

Thanks to you guys!!!