

# Recursion

4-20-2012

# Opening Discussion

- Minute essay comments:
  - Why are things so close together at the end of the semester?
  - Could you make games that involve mazes or the towers of Hanoi?
  - Finals schedule.
  - How to continue learning programming?  
Udacity/Coursera/my material
  - Meaning of `mkString("\n")`
  - When to use `rocket` and what it means.
  - Review session schedule and structure of final.

# More

- When else to use XML?
- Rise of the pirate party in Europe.
- Final grade based on Hanoi?
- List() was printed 4 times in our solution.
- Could you have virtual friends that are more engaging than the real ones?
- Scala will be the languages for 1320 and 1321 for the foreseeable future.
  - Source of ethics info on tech.
- ICP Solutions

# Mazes

- My favorite example is mazes.
- Consider a maze as a 2-D grid with each square either filled or not.
- Now the challenge is to find the length of the shortest path through the maze.
- How do you do that?

# Minute Essay

- What questions do you have about stuff?
- What features do you think would need to go into a program that allows you to take my quizzes or do self-check exercises on the computer?