Announcements

• Markov – Due Thursday

• APT Set 4 – Due Oct 17

• Yes, we have recitation.
Exam Update

• Not everyone has taken it

• Exam return on Wednesday
  • come early

Today

• Recursion
You somehow have access to your professor’s computer
You want to find a solution to CirclesCountry
There is no search bar
Assume the folders have no helpful names
How do you find CirclesCountry.java?

Step 1. Open folder 1

...
Recursion

• Solve a big problem
  • Reduce it to a sub problem
    1. identical in structure
    2. simpler to solve

General Structure

void solve(ProblemClass instance){
    if(instance is simple){
        solve instance directly
    }
}

divide into sub instance(s)
solve sub instance
reassemble problem
Practice with recursion

- Recitation
  - Recitation
    - Recitation
      - Recitation

Feedback

- http://goo.gl/XJp2FC
• Practice recursion here:
  •  http://codingbat.com/java/Recursion-1

• Submit your code here:
  •  http://goo.gl/auH0s