

Objectives

Real-world practice: Registrar's problem

Today:

- Analyze problem
 - Identify constraints, challenges
 - Ask questions to clarify problem
- Brainstorm on solutions
 - What doesn't work?
 - Why not?
 - What may work?
- For Friday: analysis and possible solutions due

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Analysis

For Friday, on Sakai discussion board

Problem

- Brief description of the problem
- The problem's constraints
- The most important constraints
- The biggest challenges

Brainstorm in groups
Writeup is individual

Discussion

- Problem questions, newly identified constraints

Possible Solutions

- Describe some possible solutions, why they might work, the challenges/limitations of applying the solution to the problem.

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This Week

Chapter 5: Divide and Conquer

Wednesday: Recurrence relations

- Book: 5.1-5.2

Friday: Applying divide and conquer algorithms

- Book: 5.3-5.5
- Problem set given out

Due Friday: Analysis of problem, possible solutions

- On Sakai

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