CS367 Lecture 12
Thursday 3 July 2014

Announcements/Reminders:

- P2 and HW3 assigned – see due dates
- HW1 grades and solutions
- See readings.

Last class:

- Stacks and Queues
  - Intro
  - Implementations and Complexity
  - Applications

Today:

- Stacks and Queues (finish)
  - Applications (cont'd)
  - findMax
  - Sliding Window and Subsequence-sum Problems
Using Stacks and Queues: Some Applications

Balanced parentheses:

Infix to Postfix and its Evaluation:

    Notation:

Example:
Simulating a Queue with Two Stacks
The \texttt{findMax} Operation on Stacks/Queues and its Complexity
Using Queues: Sliding Window and Subsequence-sum problems