Final Exam Preparation

CS 5301
Fall 2013
Jill Seaman

Final Exam

- Thursday, Dec 12, 5:00PM to 7:30PM
- Closed book, closed notes, clean desk
- Comprehensive (covers entire course)
- 50% of your final grade
- No bathroom breaks. If you leave the room, you must turn in your exam, and not return to the classroom.

Exam Format

- 100 points total
- Writing programs/functions/classes/code
- Similar to the comprehensive programming exam
- 5 questions

Exam Format

- 5 questions:
  - single loop, maybe process an array or string
  - recursive function
  - linked list
  - class definition (overloaded operators)
  - something based on one of the labs 9 through 14
- These concepts will likely be included:
  - dynamic memory allocation
  - nested loops
Topics

- Operators and Data Types
- Control Constructs & Functions
- Pointers, References, Arrays, & Structures
- Classes & Objects
- Operator Overloading
- Polymorphism & Virtual Methods
- Recursion
- Lists
- Stacks & Queues
- Searching & Sorting
- Trees
- Graphs
- Sets & Search Tables
- Templates

Final Grades

- Final Grade calculation:
  - Lab Exercises (25%)
    - 14 scores: I calculate the average for each week
    - Drop the lowest of the 14
  - Quizzes (25%)
    - Drop the lowest of the 14
  - Final Exam (50%)
    - I will put the grades on TRACS on the gradebook tool

- Comprehensive Exam policy: You can have two attempts to pass this class with a grade of B or higher.

Office Hours

finals week

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<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Time</th>
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<tbody>
<tr>
<td>M</td>
<td>12/9</td>
<td>12:30-1:30pm</td>
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<tr>
<td>T</td>
<td>12/10</td>
<td>9:30-10:30am</td>
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<tr>
<td>W</td>
<td>12/11</td>
<td>11:00am-12:00noon</td>
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<tr>
<td>Th</td>
<td>12/12</td>
<td>1:30-3:30pm</td>
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and by appt.