CompSci 4
Final Review
Dec 8, 2011

Prof. Susan Rodger
Announcements

• Be A UTA Fall 2012 (may be Spring 2012)– CompSci 4 Alice
• Take another CompSci class – CompSci 6
• Final exam
  – Saturday, Dec 17, 7-10pm
Extra Office Hours for Checkoffs

• See announcements on main page for CompSci 4 web page
• Last day Friday Dec 9! Hours til 2:45pm
Grades

• From the Course Web page:

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<tbody>
<tr>
<td>classwork/participation</td>
<td>15%</td>
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<tr>
<td>reading quizzes</td>
<td>5%</td>
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<td>assignments</td>
<td>25%</td>
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<td>two exams</td>
<td>30%</td>
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<td>final exam</td>
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• Reading Quizzes –
  – Will drop some points

• Classwork – no drops
Final Exam

• HTML and Alice 3 is NOT on the final exam
• Just Alice, Covers Chapters 1-2, 4-7, 8.1, 9-10
• Mix of MC, short answer, write code
  – Similar format to tests 1 and 2
• Closed books, closed notes
• Alice: Will give list of properties, methods, functions for an object
How to Study

• Reading Quizzes – will put on Blackboard
• Classwork – review, try to write code on paper – especially Alice methods from tests
• Assignments – review (especially Asg. 6)
• Practice writing code – if, loop, array, list, etc.
• Old Tests
If I give you a method with …
What do you write down first?

1. An Alice list – suppose it is called \( \text{balls} \)
2. An Alice array – suppose it is called \( \text{animals} \)
3. A non-visual Alice array of numbers called \( \text{nums} \)
What is the difference between these?

• 1. Write a function to return the tallest person in an array.
• 2. Write a function to return the location of the tallest person in an array.
• 3. Write a function to return the height of the tallest person in an array.
• “array” is ArrayVisualization
• Replace “tallest person” with “largest number” for nonvisual array
• In 1 and 3, same questions for list