CompSci 94
Last day
Dec 5, 2013

Prof. Susan Rodger

Announcements

• Final Exam is Thursday, Dec 12, 2-5pm
  – will not cover HTML or Alice 3
• Last chance to check off classwork is Friday, Dec 6!
  – Rodger hours
    • today 1:30-3:15pm
    • Friday 9am-5pm
  – WARNING – can be crowded that last hour!
  – You can also checkoff with Youzhang, his hours are on Piazza.
• Review session, Sunday afternoon? Monday?

Grades

• From the Course Web page:

<table>
<thead>
<tr>
<th>classwork/participation</th>
<th>15%</th>
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</thead>
<tbody>
<tr>
<td>reading quizzes</td>
<td>5%</td>
</tr>
<tr>
<td>assignments</td>
<td>25%</td>
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<tr>
<td>two exams</td>
<td>30%</td>
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<tr>
<td>final exam</td>
<td>25%</td>
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</tbody>
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• Reading Quizzes –
  – Will drop some points
• Classwork – no drops
  – Classwork grade for attending presentations

Final Exam

• HTML and Alice 3 is NOT on the final exam
• Just Alice 2, Covers Chapters 1-2, 4-7, 8.1, 9-10
• Mix of 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

• Lecture – try to rewrite code we did.
• Classwork – review, try to write code on paper – especially Alice methods/functions from tests
• Assignments – review (especially Asg. 6)
• Practice writing code on paper – if, loop, array, list, etc.
• Old Tests – some have recursion questions – only new topic

If I give you a method with …

What do you write down first?

1. An Alice list – suppose it is called balls
2. An Alice array – suppose it is called animals
3. A non-visual Alice array of numbers called 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

Other types of questions?

• What do you need to solve a problem?
  – How many chickens are red?
  – Return the first red chicken in an array? In a list?
  – Return the last red chicken in an array? In a list?
  – How do you swap two elements in an array?
  – When do you use if? When do you use while?
  – When do you use while? When do you use BDE?