CompSci 4
Final Review
Apr 21, 2009

Prof. Susan Rodger

Announcements
• Be A UTA Fall 2009 – CompSci 4 Alice
• Final exam
  – Tuesday, 2-5pm
• Review Session
  – Friday? Or Sunday?

Extra Office Hours for Checkoffs
• Today, Tuesday Apr 21
  – Prof Rodger: (no hours)
  – Pablo: 10-12
• Wednesday, Apr 22
  – Prof. Rodger: 1-2:15pm
  – Pablo: 2-4pm
• Thursday
  – Prof. Rodger: 8:30am-4pm

  – ALL CHECKOFFS by Thursday 4pm!

Grades
• From the Course Web page:
<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>class participation</td>
<td>10%</td>
</tr>
<tr>
<td>classwork</td>
<td>20%</td>
</tr>
<tr>
<td>reading quizzes</td>
<td>15%</td>
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<tr>
<td>assignments/homework</td>
<td>15%</td>
</tr>
<tr>
<td>two exams</td>
<td>30%</td>
</tr>
<tr>
<td>final exam</td>
<td>20%</td>
</tr>
</tbody>
</table>

• Reading Quizzes – 174 points total
  – 145 and above will be 100% (drop 29 points)
• Classwork – no drops, you can still turn in Classwork until 4pm Thursday, April 23.
Final Exam

• HTML is NOT on the final exam
• Covers Chapters 1-2, 4-7, 8.1, 9-11
• Covers Java (smaller amount)
• 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
• Java: will give string methods, example code

Java Method Signature

public int Mystery(int [] lotsOfValues)
{
   // body here
}

• public – accessible by all other methods
• int – type of value returned
• Mystery – name of function
• int [] lotsOfValues
  – Array of integers

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 Java string where you do something to each character in the string – string is called dna
4. A Java array of strings – array is called prots

How to Study

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

ANSWERS for previous slide

1. An Alice list – suppose it is called *balls*
   For all world.balls, one obj item_from_balls at a time

2. An Alice array – suppose array animals size 5
   Loop index from 0 up to but not including 5 incr by 1

3. A Java string where you do something to each character in the string – String dna
   for (char item_from_dna: dna.toCharArray())

4. A Java array of strings – array is called prots
   for (String item_from_prots: prots)