CompSci 4
Chap 11 – Final Review
Dec 7, 2006

Prof. Susan Rodger

Hope you enjoyed the class!
Announcements

- Be A UTA Fall 2007 – CompSci 4 Alice
- Final exam
  - Sec 1 – Tuesday 9-12, Dec 12
  - Sec 2 – Wednesday 9-12, Dec 13
- Checkoffs must be done by
  - Friday, Dec 8, 5pm!
- Questions Session
  - Monday, Dec 11, 5-6pm, D106
Extra Office Hours

• Thursday
  – Prof Rodger: 10-11:30, 1-2pm

• Friday
  – Prof Rodger: 9-10, 11-2pm
  – Joe Farfel: 2-5pm

• Monday (next week)
  – Prof Rodger 10-12, 4-6:30pm
  – Joe Farfel 12-3pm

• Tuesday (next week)
  – Joe Farfel: 3-5pm

• Wed-Thur (next week)
  – Rodger: in mostly 9-2
Grades

• From the Course Web page:

<table>
<thead>
<tr>
<th>Classwork</th>
<th>20%</th>
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</thead>
<tbody>
<tr>
<td>Reading quizzes</td>
<td>5%</td>
</tr>
<tr>
<td>Assignments/homework</td>
<td>20%</td>
</tr>
<tr>
<td>Two exams</td>
<td>30%</td>
</tr>
<tr>
<td>Final exam</td>
<td>25%</td>
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</tbody>
</table>

• Reading Quizzes – 168 points total
  – 143 and above will be 100% (drop 25 points)

• Classwork – no drops, you can still turn in until Friday, Dec 8, 5pm.
Java Method Signature

```java
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
What does this Java function do?

```java
public int Mystery (int [] lotsOfValues)
// assume lots of values has at least one value in the array
{
    int temp = lotsOfValues[0];
    for (int index = 1; index < lotsOfValues.length; index ++)
    {
        if (lotsOfValues[index] < temp)
        {
            temp = lotsOfValues[index];
        }
    }
    return temp;
}
```
Final Exam

• HTML is NOT on the final exam
• Covers Chapters 1-2, 4-7, 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
How to Study

• Reading Quizzes – will put on Blackboard
• Classwork – review, try to write code on paper
• Assignments – review (especially Asg. 6)
• Research Study survey – has test questions
  – Will be emailed to you this week
  – See Camelia in LSRC D230 if still want to join
• Practice **writing** code – if, loop, array, list, etc.
CompSci 6 - Java Demos

• CompSci 6 classwork
• Feb 23 – Bouncing Balls
• March 21 – Images
• 08 – Name Surfer
• Apr 11 – Drawing repetitive patterns