Talk to your neighbors:

What’s the first thing you’ll do after finals is over? (Sleep is obvious...)

Music:

Instructor: Elba Garza

TAs:
- Abigail Autumn
- Jacob
- Kevin
- Mia
- Rucha
- Shreyan
- Ambika
- Ayush
- Colin
- Jasmine
- Kyle
- Poojitha
- Saivi
- Smriti
- Arthur Chaafen
- Elizabeth
- Jaylyn
- Marcus
- Rishi
- Shananda
- Steven
- Atharva
- Chiê
- Helena
- Kavya
- Megana
- Rohini
- Shivani
- Zane

Questions during Class?
Raise hand or send here
sli.do #cse122
Lecture Outline

• Announcements

• Exam Logistics

• Review

• How to Study
  - Mind Maps
Announcements

• Last few sessions of classes! 💀
  - Quick overview of class today!
  - Victory lap + AMA on Wednesday
  - In-class review on Friday

• Creative Project 3 (C3) currently out
  - Due December 4th by 11:59 PM

• Resubmission Cycle 7 (R7) opens December 4th
  - Due December 8th by 11:59 PM
  - Submit anything but C3!

• Resubmission Cycle (R8) open during finals week
  - During finals week after C3: OOP It! feedback has been released
  - Will be added to course calendar soon!
Announcements

• Final Exam Review: In Class on December 8th!
  - Led by TAs
  - Sections A & B will cover different materials (1 hr 40 min)
  - Recorded, so don’t worry if you can’t attend both!

• Final Exam: Tuesday, December 12th 12:30 – 2:20 PM
  - Preliminary details are up on the course website!
  - Coming Soon:
    - Seating Chart
      - Left-handed? Respond to Jonathan’s post by December 4th!
    - Final Exam Study Guide/Resource Bank Document (Done!)
    - Past & Practice Exams (Done!)
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Exam Format

• 6 questions in total, each will receive one ESN grade
  - Some questions might have sub-parts
  - Reminder: Quiz and Exam grades are all mixed into the same bucket

• General format
  - 3 Questions: Mix of Conceptual, Mechanical/Tracing, Debugging Problems
  - 3 Questions: Programming Problems

• See sections for the last 2 weeks for practice handwriting problems
Exam Logistics

Most important bits

• Tuesday December 12th from 12:30 – 2:20 PM in KNE 110/120
• Seat assignments will be posted soon!
• Don’t cheat
  - Only have the exam open during the time (don’t start early; don’t work after)
  - No electronic devices
• You can bring one 8.5x11 inch paper with notes (front and back)
  - Will also provide a reference sheet (see course website)

Questions? Raise hand or as on sli.do (cse122)
Review So Far

**CS Concepts**
- Problem Solving
- Debugging
- Client/Implementer
- Object Oriented Programming
- Encapsulation
- Testing
- Third Party Libraries

**Data Structures**
- Lists
- Stacks
- Queues
- 2D Arrays
- Sets
- Maps

**Java Language**
- Intro to Java (e.g., File Processing)
- Iterators and For-each Loops
- Exceptions
- Interfaces
- References
- JUnit*

**Java Collections**
- Arrays / 2D Arrays
- ArrayList
- LinkedList
- Stack
- TreeSet / TreeMap
- HashSet / HashMap
- Interfaces for Java Collections
Review Resources

• Final Exam Resource Bank
• Pre-Class Materials + Lectures
• Section Handouts
• Quizzes so Far
• Your Notes!
  - Helpful for contextualizing what you learned
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• Practice: Stacks & Queues
Study Strategies

- Study Early and Often
- Stay Healthy
- Study Like you Test
- Connect Problems: How is one problem similar/different to another?
- Mixed Practice vs. Massed Practice
- Embrace Difficulty
- Reference Sheet: Iterative Refining
Mind Maps

• One of the most important parts of learning is relating concepts to each other
  - Almost all learning is contextual: based on relating one thing to another
  - Transfer is challenging!

• Mind Maps empower you to write out how topics relate to each other. Concretizing relations.

• Can be incredibly helpful when reviewing and can be a great resource for looking back at this class
Lecture Outline

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