

LEC 18

CSE 122

Putting It All Together (Review)

Questions during Class?

Raise hand or send here

sli.do #cse122



BEFORE WE START

Slido Vote & Talk with your neighbors:

What songs should we put on our CSE 122 26sp final exam grading playlist?

Music: [122 26sp Lecture Jams](#) 

Instructor Elba Garza

TAs

David	Caleb	Cole	Yang
William	Neha	Blake R.	Cady
Dani	Wesley	Carson	Diya
Rohan	Isis	Sushma	
Andrew	Colin	Connor	
Ava	Naomi	Mahima	
Shreyank	Hanna	Nicolae	
Nicole	Blake P.	Ivory	

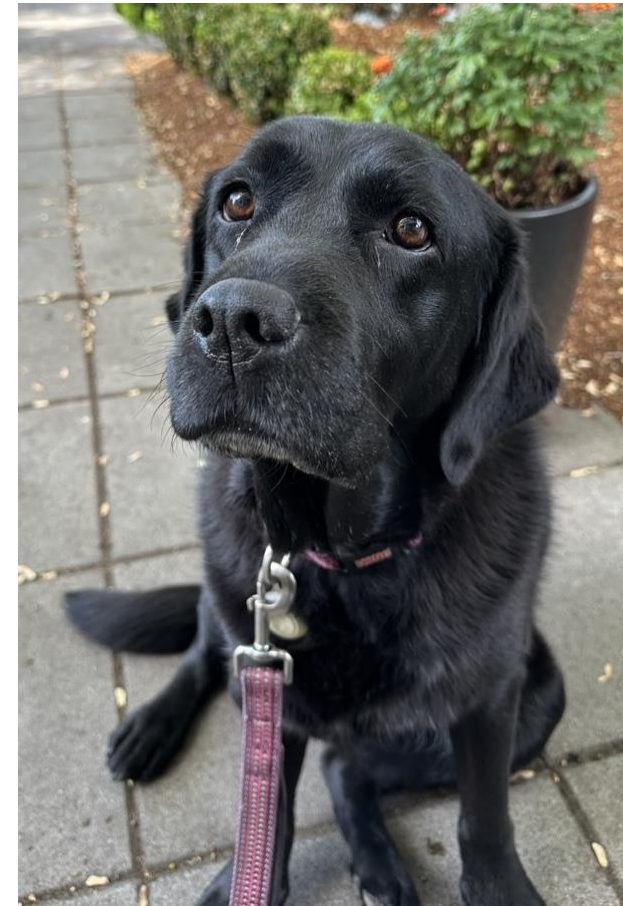
Lecture Outline (1/4)

- **Announcements**

- Exam Logistics
- Review
- How to Study
 - Mind Maps

Announcements

- Last couple sessions of classes!
 - Quick overview of class today; Victory lap + AMA on Friday
- Creative Project 3 (C3) currently out
 - Due tomorrow, Thursday, June 4th by 11:59pm PT
- Resubmission Cycle 7 (R7) opens tomorrow
 - Due Tue, Jun 9th by 11:59pm PT; open to all previous assignments
- Resubmission Cycle 8 (participation bonus) opens soon
 - More info being sent directly to those who qualified!
- Provide feedback by June 7th
 - Course evaluations:
 - Section A: <https://uw.iasystem.org/survey/324556>
 - TA evaluations: <https://tinyurl.com/cse12x-sp26-ta-evals>
- IPL/Office Hours ending this Friday!
- Come meet Gigi on Monday, June 8th at 1:30pm



Announcements

- Final Exam Review: **Monday, Jun 8th 4:30 – 7:00pm in BAG 131**
 - Led by TAs
 - First half: time to work on practice exam with TAs in room
 - Second half: TAs going over exam, giving tips
 - Likely recorded, we'll update if this isn't the case!
- Final Exam: **Tuesday, Jun 9th 2:30 – 4:20pm in KNE 120**
 - Preliminary details are [up on the course website](#)!
 - Seating chart will be posted soon!
 - Already up:
 - Final Exam Study Guide
 - Past & Practice Exams

Lecture Outline (2/4)

- Announcements
- Exam Logistics ◀
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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 June 9th from 2:30 – 4:20pm in KNE 120**
- Seat assignments to be posted on the course website
- 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 (or A4) paper with notes (front and back)
 - Will also provide a reference sheet (see course website)

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



Lecture Outline (3/4)

- Announcements
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Review So Far

CS Concepts

- Problem Solving
- Functional Decomposition
- Debugging
- Testing
- Third Party Libraries*

Java Language

- File I/O
- Iterators and For-each Loops
- Exceptions
- Reference Semantics
- JUnit*

Data Structures

- ADTs
- Lists
- Stacks
- Queues
- Sets
- Maps

Java Collections

- Arrays / 2D Arrays
- ArrayList
- LinkedList
- Stack
- TreeSet / TreeMap
- HashSet / HashMap
- Interfaces for Collections

Object Oriented

- Instance variables
- Instance methods
- Interfaces
- Abstraction
- Encapsulation
- Client/Implementer

Review Resources

- Pre-Class Materials + Lectures
- Section Handouts
- Quizzes
- Your Notes!
 - Helpful for contextualizing what you learned
- Practice final exams

Lecture Outline (3/4)

- Announcements
- Exam Logistics
- Review
- **How to Study** 
 - Mind Maps

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

