

# Lecture 23

## *Wrapup*

Leah Perlmutter / Summer 2018

# Announcements

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- Homework 9 due tomorrow 8/16, 10 pm
- Quiz 8 due tomorrow 8/16, 10 pm
- Course evaluations – Please give feedback on this course!
  - You should have received an email from “UW Course Evaluations” with the link
  - <https://uw.iasystem.org/survey/195871>
- Final Exam Friday 8/17 in class (60 minutes)
  - Covers all material taught after the midterm
  - Study today, bring your questions to section tomorrow
    - Section topic: Final exam review

# Thank you!!!

## Thank you CSE 331 18su TAs!!!!!! <3



Haiqiao Chen



JongHo Lee



Wei Liao



Frank Qin



Matt Xu



Joyce Zhou

## My mentors

- Hal Perkins
- Zach Tatlock
- Margie Thickstun
- Lauren Bricker
- Justin Hsia
- Dan Grossman
- Adam Blank
- Ruth Anderson
- ...

## My friends

- Robbie Weber
- John Thickstun
- Chandra Nandi
- ...

## My inspiration

- Stephanie Taylor
- Dale Skrien
- Bruce Maxwell
- ...

## Creators of this course

### Faculty

- Mike Ernst
- Hal Perkins
- Dan Grossman
- David Notkin
- ...

### TAs

- Krysta Yousoufian
- Alex Mariakakis
- Vinod Rantham
- Kellen Donohue
- David Mailhot
- Erin Peach
- Nick Carney
- Kevin Pusich
- Cody Kesting
- Justin Bare
- Deric Pang
- ...

## Thank you CSE 331 18su students!!!



# What We've Learned

## Topics

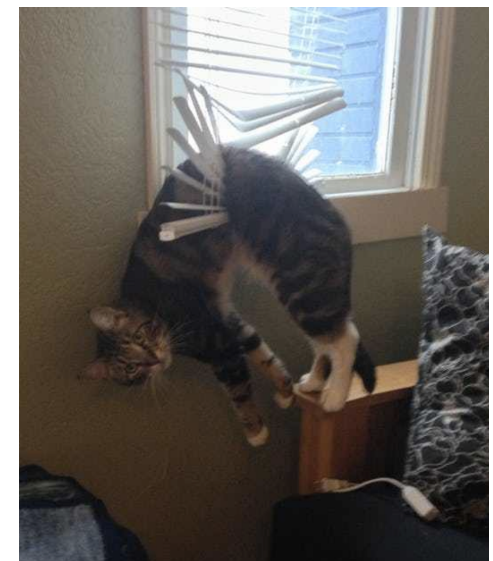
Hoare Logic  
Specifications  
Abstract Data Types  
Representation Invariants  
Abstraction Functions  
Testing  
Design  
Equals and hashCode  
Subtyping and Subclassing  
Assertions and Exceptions  
Generics  
Debugging

Callbacks and Observers  
Graphics and GUIs  
Design Patterns  
System Development



# Closing Thoughts

## Struggling and Making Mistakes



## The Myth of Perfection



## Fun times in CSE 331



# Demos!

## Campus Maps Demo Olympics\*\*

\*\* In no way is this related to the actual olympics

### Presenters

- John Zhuang
- Shikang Gao
- Stephen Cooper
- William Taylor
- Raden Roy Pradana
- Saisamrit
- Jordan Barnes



# Conclusion



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