varies, typically Tuesday 3-4:30pm. Link will be posted on piazza

Thursday, August 13

- Please read this Piazza post!

Week 8 Class Material

- Lecture 27: Special Topics I (Programming Languages) capture slides
- Lecture 28: Special Topics II (Machine Learning) capture
- Lecture 29: Navigating Berkeley capture slides

Week 8 Resources

- Rachel's Streams Guide (Spring 2019)
- Ashley & Mrinalini's Streams Slides (Fall 2017)
- Minilecture: Streams Intro (Fall 2017)

- (Spring 2016) Colin's SQL Worksheet Solutions
- Kevin's SQL Slides (Fall 2015)
- Andrew's Quick Guide to SQL (Fall 2015)
- (Summer 2015) Albert's Streams Problems

Resource Search

Search for terms like "recursion", "homework 3", or "practice".

Search for resources or posts on Piazza

Week	Date	Lecture	Textbook	Lab and Discussion Links	Homework & Project
1	Mon 6/22	Intro Video slides capture 01.py		Lab 00: Getting Started Fri 6/26	
	Tue 6/23	Functions Video full 1pp 8pp 02.py	Ch. 1.1 Ch. 1.2	Disc 00: Getting Started	HW 01: Variables & Functions, Control Tue 6/30
	Wed 6/24	Control Video 1pp 4pp 03.py	Ch. 1.3 Ch. 1.4 Ch. 1.5	Lab 01: Variables & Functions, Control Fri 6/26	HW 02: Higher-Order Functions Thu 6/...
	Thu 6/25	Higher-Order Functions Video 1pp 4pp 04.py		Disc 01: Environment Diagrams, Control, Self Reference	Hog Wed 7/8
2	Mon 6/29	Environment Diagrams Video 1pp 4pp 05.py	Ch. 1.6	Lab 02: Higher-Order Functions, Lambda Expressions, Self Reference Wed 7/1	
	Tue 6/30	Recursion Video capture 1pp 6pp 9pp 06.py	Ch. 1.7	Disc 02: Higher-Order Functions	Hog Contest Thu 7/9
	Wed 7/1	Tree Recursion Video 1pp 6pp 9pp 07.py	Ch. 1.7	Lab 03: Recursion, Tree Recursion Tue 7/7	HW 03: Higher-Order Functions, Self Reference, Recursion, Tree Recursion ?
	Thu 7/2	Diagnostic Quiz (6-7:15pm PDT) Video			
3	Mon 7/6	Sequences & Data Abstraction Video 1pp 6pp 9pp 08.py	Ch. 2.1 Ch. 2.2 Ch. 2.3	Lab 04: Python Lists, Data Abstraction Wed 7/13	
	Tue 7/7	Functional Decomposition & Debugging Video capture 1pp 6pp 9pp		Disc 04: Recursion, Tree Recursion, Python Lists	
	Wed 7/8	Trees Video 1pp 6pp 9pp 10.py	Ch. 2.3	Lab 05: Python Lists, Trees Fri 7/10	HW 04: Data Abstraction, Trees Tue 7/14 Cats Thu 7/23
	Thu 7/9	Mutable Sequences Video 1pp 6pp 9pp 11.py	Ch. 2.4	Disc 05: Python Lists, Trees, Mutability	
4	Mon 7/13	Mutable Functions Video 1pp 6pp 9pp 12.py	Ch. 2.4	Lab 06: Nonlocal, Mutability Fri 7/17 Lab 07: Midterm Review Fri 7/17	
	Tue 7/14	Midterm Review capture	Ch. 4.2	Disc 06: Nonlocal, Midterm Review	
	Wed 7/15	Iterators & Generators Video 1pp 6pp 9pp 14.py			HW 05: Nonlocal, Iterators & Generators Tue 7/21
	Thu 7/16	No Lecture Midterm(5:00pm-8:00pm PDT) Practice Practice Solutions skeleton solution solution pdf			
5	Mon 7/20	Objects Video 1pp 6pp 9pp 15.py	Ch. 2.5	Lab 08: Object-Oriented Programming Wed 7/22	
	Tue 7/21	Inheritance Video capture 1pp 6pp 9pp 16.py	Ch. 2.5	Disc 08: Iterators & Generators, Object-Oriented Programming	
	Wed 7/22	Linked Lists & Trees Video 1pp 6pp 9pp 17.py	Ch. 2.9	Lab 09: Linked Lists, Mutable Trees Fri 7/24	HW 06: Object-Oriented Programming, Linked Lists, Trees Tue 7/28
	Thu 7/23	Interfaces Video 1pp 6pp 9pp 18.py	Ch. 2.7	Disc 09: Linked Lists, Trees	Ants Thu 7/30
6	Mon 7/27	Scheme Video 1pp 6pp 9pp	Ch. 3.1 Ch. 3.2	Lab 10: Scheme, Scheme Lists Wed 7/29	
	Tue 7/28	Interpreters Video 1pp 6pp 9pp	Ch. 3.5	Disc 10: Scheme, Scheme Lists	
	Wed 7/29	More Scheme Video 1pp 6pp 9pp	Ch. 3.5	Lab 11: Interpreters Fri 7/31	HW 07: Scheme, Tail Recursion, Macros Tue 8/4
	Thu 7/30	Macros Video 1pp 6pp 9pp	Ch. 3.5	Disc 11: Tail Recursion, Macros	Scheme Mon 8/10 Scheme Challenge Version Mon 8/10
7	Mon 8/3	Streams Video 1pp 6pp 9pp		Lab 12: Macros, Streams Wed 8/5	
	Tue 8/4	Declarative Programming I Video 1pp 6pp 9pp 24.sql	Ch. 4.3	Disc 12: Streams	Scheme Contest Tue 8/11
	Wed 8/5	Declarative Programming II Video 1pp 6pp 9pp 25.py 25.sql	Ch. 4.3	Lab 13: SQL Fri 8/7	HW 08: Streams, SQL Tue 8/11
	Thu 8/6	Final Review Video capture 1pp 6pp 9pp 26.py		Disc 13: SQL	
8	Mon 8/10	Special Topics I (Programming Languages) capture slides		Lab 14: Final Review Wed 8/12	HW 09: Final Review (Optional) Fri 8/14
	Tue 8/11	Special Topics II (Machine Learning) capture		Disc 14: Final Review	Scheme Gallery Fri 8/14
	Wed 8/12	Navigating Berkeley capture slides			
	Thu 8/13	Final (time TBD)			