Thursday, August 13

Week 8 Class Material

Week 8 Resources

- uide (Spring 2019) Streams Slides (Fall 2017) s Intro (Fall 2017) Lecture 27: Special Topics I (Programming Languages) (espture | sildes)
 Lecture 28: Special Topics II (Machine Learning) (espture)
 Lecture 29: Navigating Berkeley (expture) | sildes|
 Weekly Schedule Office Hours

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

Search for resources or posts on Piazza

Date	Lecture	Textbook	Lab and Discussion Links	Homework & Project
6/22	Intro Video slides capture 01.py		Lab 00: Getting Started 9 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
Wed 6/24	Control (Video) [1pp] [4pp] [03.py]	Ch. 1.3 Ch. 1.4 Ch. 1.5	Lab 01: Variables & Functions, Control © Fri 9/26	Higher-Order Functions
Thu 6/25	Higher-Order Functions Video 1pp 4pp		Disc 01: Environment Diagrams, Control, Self Reference	Hog © wed 7/8
Mon 6/29	Environment Diagrams Video Top 4pp 0.5py	Ch. 1.6	Lab 02: Higher-Order Functions, ambda Expressions, Self Reference	
Tue 6/30	Recursion Video capture tpp 6pp 9pp	Ch. 1.7	Disc 02: Higher-Order Functions	Hog Contest © Thu 7/9
Wed 7/1	Tree Recursion (Video Tpp Spp Spp Ozpy	Ch. 1.7	Lab 03: Recursion, Tree Recursion	HW-03: Hisher-Order Functions, Saf Riference, Recursion, Tree Recursion
Thu 7/2	Diagnostic Quiz (6-7:15pm PDT) (Video			
Mon 7/6	Sequences & Data Abstraction video 1pp 6pp 6spy 0spy 2pp 1pp 1pp	Ch. 2.1 Ch. 2.2 Ch. 2.3	Lab 04: Python Lists, Data Abstraction Owed 73	
Tue	Functional Decomposition & Debugging Video capture Tap Gpp 9pp		Disc 04: Recursion, Tree Recursion, Python Lists	
Wed 7/8		Ch. 2.3	Lab 05: Python Lists, Trees	HW 04: Data Abstraction, Trees
Thu 7/9	Mutable Sequences video Tpp 6pp 8pp 11.py	Ch. 2.4	Disc 05: Python Lists, Trees, Mutability	
Mon 7/13	Mutable Functions (video Tpp Spp Spp Ta.py)	Ch. 2.4	Lab 06: Nonlocal, Mutability ் பாரா Lab 07: Midterm Review ொரா	
Tue 7/14	Midterm Review capture	Ch. 4.2	Disc 06: Nonlocal, Midterm Review	
Wed 7/15	terators & Generators Video Tpp 6pp 9pp 9pp 7pp			HW 05: Nonlocal, Iterators & Generators Orug/21
Thu 7/16	No Lecture Midterm(5:00pm-8:00pm P01) [Praetice] Practice Solutions [Moleton solution] solution pdf			
Mon 7/20	Objects [Video] [1pp] [6pp] [15.py]	Ch. 2.5	Lab 08: Object-Oriented Programming © wed 7/22	
Tue 7/21	Inheritance (Video apture 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) (77.py)	Ch. 2.9	Lab 09: Linked Lists, Mutable Trees © F17/24	HW 06: Object-Oriented Programming, Linked Lists, Trees One 7/28
Thu 7/23	Interfaces (Video) (1pp) (6pp) (9pp) (18.py)	Ch. 2.7	Disc 09: Linked Lists, Trees	Ants © Thu 7/30
Mon 7/27	Scheme (Video) (1pp) (6pp) (9pp)	Ch. 3.1	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 Tpp) (6pp) (9pp)	Ch. 3.5	Lab 11: Interpreters © Fri 7/81	HW 07: Scheme, Tail Recursion, Macros ⊙ Tuo 8/4
Thu 7/30	Macros Video 1pp 6pp 9pp	Ch. 3.5	Disc 11: Tail Recursion, Macros	Scheme O Mon 8/10 Scheme Challenge Version O Mon 8/10
Mon 8/3	Streams (Video) (Tpp) (6pp) (9pp)		Lab 12: Macros, Streams • Wed 8/5	
Tue 8/4	Declarative Programming Video 1pp 6pp 24.sql	Ch. 4.3	Disc 12: Streams	Scheme Contest O Tue 8/11
Wed 8/5		Ch. 4.3	Lab 13: SQL OF18/7	HW 08: Streams, SQL © Tue 8/11
Thu 8/6	Final Review Video capture Tpp 6pp 9pp 26.py		Disc 13: SQL	
Mon 8/10	Special Topics I (Programming Languages) capture stides		Lab 14: Final Review O Wed 8/12	HW 09: Final Review (Optional)
Tue 8/11	Special Topics II (Machine Learning)		Disc 14: Final Review	Scheme Gallery © Fri 8/14
Wed 8/12	Navigating Berkeley capture slides			
Thu 8/13	Final (time TBD)			