

CSE 143, Winter 2011 Approximate Lecture Calendar

Week 1	M 1/3	W 1/5	F 1/7
	syllabus; review; arrays read Ch. 1-8 Java Tutorial: Java basics Wikipedia: array	ArrayList read 10.1 Wikipedia: data structures , collection	more ArrayList; objects/classes read 10.1 - 10.3; Ch. 8 Wikipedia: OOP , object , class , encapsulation HW1 assigned
Week 2	M 1/10	W 1/12	F 1/14
	implementing ArrayIntList read 15.1	more ArrayIntList; exceptions read 15.1 - 15.2 ; 4.5	inheritance; binary search read 9.1, 9.3 - 9.4, 13.1 Tutorial: inheritance , subclass Wikipedia: inheritance , binary search HW2 assigned
Week 3	M 1/17	W 1/19	F 1/21
	NO CLASS holiday (MLK Day)	stacks and queues read Stuart's notes 1 , notes 2 Java Tutorial: Queue Wikipedia: stack , queue	more stacks/queues; complexity read 13.2 Java Tutorial: collection interfaces Wikipedia: postfix expression , Big-Oh HW3 assigned
Week 4	M 1/24	W 1/26	F 1/28
	linked list nodes read 16.1 Wikipedia: linked list	linked lists read 16.2	linked lists read 16.2 - 16.3 HW4 assigned
Week 5	M 1/31	W 2/2	F 2/4
	recursion read 12.1 Wikipedia: recursion	recursive programming read 12.2 - 12.3	recursive programming; maps; grammars read 11.3; 12.3, 12.5 Wikipedia: map , grammar , BNF Stanford videos: lecture 1 , lecture 2 HW5 assigned
Week 6	M 2/7	W 2/9	F 2/11
	more sets and maps; Iterator read 11.2 - 11.3; 10.1 Java Tutorial: set , map , iterator Wikipedia: set , map , iterator	searching/sorting; Comparable read 13.1 - 13.4; 10.2 Java Tutorial: searching , sorting Wikipedia: b.search , sort , selection , merge Youtube: Obama on sorting	MIDTERM EXAM , in class
Week 7	M 2/14	W 2/16	F 2/18
	recursive backtracking read Stuart's notes Stanford videos: lecture 1 , lecture 2	recursive backtracking read Stuart's notes HW6 assigned	binary trees read 17.1 - 17.2 Wikipedia: binary tree Stanford: lecture 22 (2:00 - 18:00)
Week 8	M 2/21	W 2/23	F 2/25
	NO CLASS holiday (Presidents Day)	binary search trees read 17.3 Wikipedia: binary search tree Stanford videos: lecture 22 (28:18 - end)	binary search trees read 17.3 HW7 assigned
Week 9	M 2/28	W 3/2	F 3/4
	I/O streams; exceptions; inheritance read 9.3, 6.4 Java Tutorial: I/O streams , exceptions Java API: InputStream , OutputStream , URL , Exception	inheritance and polymorphism read 9.2; Stuart's notes Java API: Object	priority queues; Huffman trees read Stuart's notes Java API: PriorityQueue Wikipedia: priority queue HW8 assigned
Week 10	M 3/7	W 3/9	F 3/11
	advanced list implementation; abstract/inner classes; generics read 11.1; 9.6; 15.3-15.4; 16.4-16.5 Java Tutorial: abstract classes , inner classes , generics	advanced set implementation; hashing Wikipedia: hash table Stanford videos: lecture 24	computer science; discuss final exam; course evaluations

This calendar should accurately describe what has occurred in past lectures, but it won't always accurately predict the future.