

Date	Week	Monday (Lecture)	Tuesday (Lab)	Wednesday (Lecture)	Thursday	Friday
27-Jan-25	1	course overview interaction: integers; strings; floats scripts: input; print; assignment	• Homework 1 out "input, calculation, output"	example scripts with % and // booleans; conditions if: the conditional statement		
3-Feb-25	2	the frame mechanism while loops definite vs. indefinite loops	• Homework 2 out "conditionals and loops" » Homework 1 due	nested loops functions: def and the return statement expression evaluation		
10-Feb-25	3	§ Quiz #1 on scripting and // % procedures: def and return revisited the None type	• Homework 3 out "functions and procedures" » Homework 2 due	the call stack mechanism « Project 1 "greed" out		
17-Feb-25	4	list construction and scanning list item update list mutability	• Homework 4 out "lists" » Homework 3 due	list slicing; lists of lists append, extend, insert, delete		
24-Feb-25	5	§ Quiz #2 on functions and loops dictionaries the for loop	• Homework 5 out "dictionaries" » Homework 4 due	recursive functions and procedures count up/down; sort preview « Project 2 "ciphers" out		» Project 1 due
3-Mar-25	6	the call stack revisited fibonacci, instrumented	• Homework 6 out "recursion" » Homework 5 due	objects and classes		
10-Mar-25	7	§ Quiz #3 on lists and dictionaries inheritance	• Homework 7 out "classes and inheritance" » Homework 6 due	lambda higher order functions		
17-Mar-25	8	§ Exam on Homework 1-5 scripting, conditionals, loops, functions, lists, dictionaries	• Homework 8 out "higher order functions" » Homework 7 due	environment diagrams intro to linked lists; prepend; append « Project 3 "hawks and doves" out		» Project 2 due
24-Mar-25		SPRING BREAK	SPRING BREAK	SPRING BREAK		SPRING BREAK
31-Mar-25	9	linked list review linked list traversal linked list output and search	• Homework 9 out "linked lists" » Homework 8 due	delete follower pointers binary search		
7-Apr-25	10	§ Quiz #4 on recursion repeated squaring big Oh and big Theta notation	• Homework 10 out "sorting and efficiency" » Homework 9 due	running time analysis bubble sort « Project 4: "adventure" out		» Project 3 due
14-Apr-25	11	§ Quiz #5 on object orientation merge sort bst insertion and search	• Homework 11 out "bsts" » Homework 10 due	bst deletion bst traversal » Project 4 proposal due		
21-Apr-25	12	§ Quiz #6 on linked lists file I/O	• Homework 12 out "files and exceptions" » Homework 11 due	exceptions		» Project 4 checkpoint due
28-Apr-25	13	§ Exam on Homework 6-9 recursion; objects, inheritance; higher order functions; linked lists	• Continue Homework 12 » Project 4 beta test	review networked game demo » Homework 12 due		» Project 4 due
5-May-25		READING WEEK	READING WEEK	READING WEEK		READING WEEK
12-May-25		§ Comprehensive Final Exam time/place to be determined				