Computing for Data Science (이상학, 이준석, 28시간)

Category	Date	Type	Content
Python Programming	1-24 (월요일)	Lecture 1	Introduction to Computing
		Practice 1	Setup for Python Programming
	1-25 (화요일)	Lecture 2	Abstraction, Expression, Assignment, Name, Memory model, and Functions
	1-26 (수요일)	Lecture 3	Strings, Control Structures, and Modules
		Practice 2	Lectures 2 & 3
	1-27 (목요일)	Lecture 4	Classes, Lists, and Loops
	1-28 (금요일)	Lecture 5	Sets, Tuples, and Dictionaries
		Practice 3	Lectures 4 & 5
	2-3 (목요일)	Lecture 6	Object Oriented Programming
	2-4 (금요일)	Lecture 7	File I/O
		Practice 4	Lectures 6 & 7
Data Structures	2-7 (월요일)	Lecture 8	Linear/Binary Search, Selection/Insertion Sort
	2-8 (화요일)	Lecture 9	Big O, Merge Sort, and Recursion
		Practice 5	Lectures 8 & 9
	2-9 (수요일)	Lecture 10	Arrays, Linked Lists, Stacks, and Queues
	2-10 (목요일)	Lecture 11	Binary Search Trees, Trees, and Traversals
		Practice 6	Lectures 10 & 11
	2-11 (금요일)	Lecture 12	Graphs and Traversals
	2-14 (월요일)	Lecture 13	Hash Table
		Practice 7	Lectures 12 & 13
Computing	자율시간제	Lecture	Bits, Data Types, and Operations
		Lecture	Semi-conductor and Logic Gates
		Lecture	Von Neumann Model and Machine Codes
		Lecture	Great Ideas in Computer Architecture
		Lecture	Linux
C Programming	2-15 (화요일)	Lecture 14	Hello C, Variables and Operators, Control Structures
	2-16 (수요일)	Lecture 15	Functions
		Practice 8	Lectures 14 & 15
	2-17 (목요일)	Lecture 16	Pointers and Arrays, I/O and Structures
	2-18 (금요일)	Lecture 17	Dynamic Data Structures (Linked Lists)
		Practice 9	Lectures 16 & 17
	2-19 (토요일)	Exam	