Fundamentals of Programming (Spring 2022)

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Announcements

1. **Spring break** is upcoming! We will hold our normal office hours on the Friday before the break (18 March), but the next office hours after that will be on the Sunday at the end of the break (27 March). Hope you all have a good break!

   Lab 6's release date has been delayed slightly, but it will still be available near the start of the break (on Saturday, 19 March), and it does not come due until the Friday after the break (1 April).

2. Quiz 1 scores and statistics are now available.

   1. If you are concerned about your performance on the quiz, or about your performance in the class in general, please reach out to your section instructor and/or to Adam (`hz@mit.edu`), and we will gladly meet with you to figure out a plan for moving forward.

   2. If you find an error in grading, please send a private note to the instructors on the forum with the subject "Quiz 1 Regrade Request" describing in detail the error you found. We will review your concern and regrade your entire exam to eliminate the error you found, as well as any other grading errors. If you want your exam regraded, you must let us know by 5pm on Friday (18 March).

3. **Upcoming Due Dates:**

   - Lab 4 checkoff is due on Friday (11 Mar) at 5pm.
   - Lab 5 code submission is due on Friday (18 Mar) at 5pm.
   - Lab 5 checkoff is due on Wednesday (30 Mar) at 10pm.

Archived announcements are available here.

Calendar/Handouts

Please log in to see your section assignment.

The calendar below will be populated throughout the semester with links to lecture/recitation materials, as well as labs.

Week	Lecture	Recitation	Labs

Week 0
01/31 - 02/04
	Welcome, Infrastructure, Environment Diagrams
	Video
	`lec00_code.py`
	`lec00_slides.pdf`
	Live Questions
		Environment Diagrams
		Live Questions
		Recitation Materials
			Lab 00 Due (Audio Processing)
			Lab 01 Released (Image Processing)

Week 1 02/07 - 02/11	Flood Fill Pre-lecture Reading Video	Sets and Dictionaries Live Questions Recitation Materials	Lab 01 Due Lab 02 Released (Snekoban)

	lec01_code.zip Live Questions		
Week 2 02/14 - 02/18	Informed Search Pre-lecture Reading Video lec02_slides.pdf Live Questions	Search Live Questions Recitation Materials	Lab 02 Due Lab 03 Released (Frugal Maps)
Week 3 02/21 - 02/25	Recursive Patterns Pre-lecture Reading Video lec03_slides.pdf Live Questions	Recursive Patterns Live Questions Recitation Materials	Lab 03 Due Lab 04 Released (Mines)
Week 4 02/28 - 03/04	Recursive Backtracking Pre-lecture Reading Video lec04_code.zip Live Questions	Recursive Backtracking Live Questions Recitation Materials	Lab 04 Due
Week 5 03/07 - 03/11	Python, Sockets, and the Web Pre-lecture Reading lec05_code_full.zip lec05_extra_bytestrings.zip lec05_slides.pdf socketdemo.py Live Questions	No Recitation (Quiz)	**Quiz 1**: 9 March, 7:35-9:25pm ET Quiz Information and Practice Materials Lab 05 Released (SAT Solver)
Week 6 03/14 - 03/18	Working with Text Files Pre-lecture Reading Video lec06_blank.zip lec06_full.zip Live Questions	Generators Live Questions Recitation Materials	Lab 05 Due Lab 06 Released (Downloader)
SPRING BREAK			
Week 7 03/28 - 04/01	Custom Types and Environment Model	OOP	Lab 06 Due Lab 07 Released (Symbolic Algebra)
Week 8 04/04 - 04/08	Custom Types and Inheritance	OOP	Lab 07 Due Lab 08 Released (LISP 1)
Week 9 04/11 - 04/15	Functions and Scoping Redux, LISP	Functions and Scoping	Lab 08 Due Lab 09 Released (LISP 2)
Week 10 04/18 - 04/22	No Lecture (Patriots' Day)	TBD	Lab 09 Due
Week 11 04/25 - 04/29	TBD	No Recitation (Quiz)	**Quiz 2**: 27 Apr, 7:35-9:25pm ET Lab 10 Released (Snek Is You)
Week 12	Data Abstraction	Data Abstraction	Lab 10 Due

05/02 - 05/06			
Week 13 05/09 - 05/13	Programming Beyond 6.009	No Recitation (Classes Over)	