

## Agenda for CSCE 590 class meeting of 2020-09-15 (Class 8: 2 of Week 4; Online)

### 1. Remember to record the session!

WEEK	TOPIC	SOURCE
1 (8/20, 8/25)	Introduction and the GHC Compiler and Haskell Platform	Chs. 1 and 2 [H]
2 (8/27, 9/1)	Types and Classes	Ch.3 [H]
3 (9/3, 9/8)	Defining Functions and List Comprehensions	Chs. 4 and 5 [H]
<b>4 (9/10, 9/15)</b>	<b>Recursive Functions</b>	<b>Ch. 6 [H]</b>
5	Higher-Order Functions	[B] and Ch.7 [H]
6	Declaring Types and Classes and the Countdown Problem	Chs. 8 and 9 [H]
7	Review and Midterm	
8	Interactive Programming	Ch. 10 [H]
9	Two-person Games	Ch. 11 [H]
10	Functors, Applicatives, and Monads	Ch. 12 [H]
11	Monadic Parsing	Ch. 13 [H]
12	Foldables and Lazy Evaluation	Chs. 14 and 15 [H]
13	Reasoning about Programs	Chs. 16 and 17 [H]
14	Functional (Persistent) Data Structures	Instructor's Notes
	Final Exam: December 10, 9 a.m., in the classroom	

- Check email to see whether students are emailing reports of trouble.
- Ask student to use chat for questions and mute audio and video on their side, to limit clutter and bandwidth.
- Virtual Office Hours. I expect to have virtual office hours on Blackboard Collaborate Ultra from 1500-1800 on Mondays. Office hours are canceled until further notice. Please email me for meetings.
- HW3 is due today. It can be turned in late for credit with a small deduction until the start of class on Thursday, September 17. Do exercises 1-4 at the end of Ch.3 [H] and exercises 1 and 8 at the end of Ch.4 [H] Note that most of these are programming exercises. Turn in files as directed in the departmental dropbox; there will be specific instructions there.
- HW4: Exercises 1-9 Ch.5 [H], due on Tuesday, September 22. HW5: Exercises 4, 7-9 Ch. 6 [H], due on Thursday, September 24. Details in the departmental dropbox.
- Ch. 3 [TFWH]: Numbers: section 3.1, 3.2, and first part of 3.4.
- Ch. 6 [H]: Recursive Functions.
- Ch. 4 [TFWH]: Lists.
- Make sure that the students are fine and wait for questions before ending the session.