

## Agenda for CSCE 590 class meeting of 2020-09-01 (Class 6: 2 of Week 3; Online)

### 1. Remember to record the session!

WEEK	TOPIC	SOURCE
1	Introduction and the GHC Compiler and Haskell Platform	Chs. 1 and 2 [H]
2	Types and Classes	Ch.3 [H]
3	<b>Defining Functions and List Comprehensions</b>	<b>Chs. 4 and 5 [H]</b>
4	Recursive Functions	Ch. 6 [H]
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.
- Syllabus.
- Show the course websites.
- Agendas for class meeting will be linked to the corresponding class log entry on the course website. Direct link: <https://cse.sc.edu/~mgv/csce590f20/log/index.html>.
- Assignment must be submitted on the departmental dropbox (<https://dropbox.cse.sc.edu/login/index.php>).
- Discuss HW2, especially Exercise F in Ch.1 [TFWH]. As students to resubmit with a script showing compilation and interaction with the compiled code.
- Recall and clarify HW3: Do exercises1-4 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. The due date is September 15 (Tuesday).
- Ch.2 [TFWH]: Expressions, Types, and Values.
- Ch.4 [H]: Defining Functions.
- Ch. 5 [H]: List Comprehensions.
- Make sure that the students are fine and wait for questions before ending the session.