Agenda for CSCE 590 class meeting of 2020-09-10 (Class 7: 1 of Week 4; 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	Defining Functions and List Comprehensions	Chs. 4 and 5 [H]
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	

2. Check email to see whether students are emailing reports of trouble.
3. Ask student to use chat for questions and mute audio and video on their side, to limit clutter and bandwidth.
4. Virtual Office Hours. I expect to have virtual office hours on Blackboard Collaborate Ultra from 1500-1800 on Mondays.
5. 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).
6. Ch. 5 [H]: List Comprehensions. (Use cipher.hs from C:\Users\mgv\courses_D_Fujitsu161013\csce330f09\hutton\huttonPrograms2016\Code)
7. Ch. 3 [TFWH]: Numbers: section 3.1, 3.2, and first part of 3.4.
8. Ch. 4 [TFWH]: Lists.
9. Make sure that the students are fine and wait for questions before ending the session.