Agenda for CSCE 531 class meeting of 2021-02-23 (Class 13: 1 of Week 7; Online)

1. **Remember to record the session!**

WEEK	TOPIC	SOURCE
1 (1/12,14)	Introduction: Syntax, Semantics, and Language Processors	Sect. 16.7[H]
2 (1/19,21)	Introduction: Syntax, Semantics, and Language Processors	*Ch.2 [W]; Ch.13 [M10];* Ch.1 [R]; *Ch.1 [W];*
3 (1/26,28)	*Introduction: Syntax, Semantics, and Language Processors* Lexical Analysis	*Ch.1 [R];* Ch.1 [M]; Chs. 2-3 [R]
4 (2/2.4)	Lexical Analysis	Ch.1 [M]; Chs. 2-3 [R]; *Ch.4 [W]*
5 (2/9,11)	*Lexical Analysis*; Syntactic Analysis	*Ch.1 [M]; Ch.4 [W];* Ch.2 [M]; Chs. 2-3 [R]
6 (2/16,18)	Syntactic Analysis	Ch.2 [M]; Chs. 2-3[R]
7(2/23,25)	**Syntactic Analysis;** Alex, Happy, and BNFC; Wellness Holiday	**Ch.2 [M]; Chs. 2-3[R];** Ch. 2 [R]; Manuals
8 (3/2,4)	Scopes and Symbol Tables	Ch.3 [M]
9 (3/9,11)	Review (if time permits) and Midterm	
10 (3/16,18)	Interpretation	Ch.4 [M], Ch.5 [R]; Ch.8 [W]
11 (3/23,25)	Type Checking	Ch.5 [M], Ch.4 [R]
12 (3/30 & 4/1)	Wellness Holiday and Intermediate-Code Generation	Ch.6 [M]
13 (4/13,15)	Machine Code Generation	Ch.7 [M]
14 (4/20,22)	Register Allocation	Ch.8 [M]
15 (4/20,22)	Functions	Ch. 9 [M]
May 4	Final Exam: May 4, 1600	

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. Please email me if you want to meet me online.
5. Introduction of students and instructor.
6. HW4 assigned, due 2021-02-18 (Thursday): Exercises 1.6, 1.8, and 1.9 [M]. For Exercise 1.6, you must carry out the minimization algorithm described in Section 1.7 [M] and show the steps: do not use a different minimization algorithm!
7. HW5 assigned, due 2021-03-04 (Thursday): Exercises 2.6, 2.7, and 2.14 [M]. (Note due date change.)
8. Syntax analysis: context-free grammars; predictive parsing.
9. Reminder: Thursday, February 25, is a wellness holiday.
10. Make sure that the students are fine and wait for questions before ending the session.