

# Lecture 5 Outline

October 5, 2015

**Reading:** *text* §4

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1. Greetings and felicitations!
  - a. Change to office hours for today: the 11:00am–11:50am office hour will not be held, but I'll hold an office hour today at 3:10–4:00pm
2. Writing a program: cents to coins
  - a. Show converting statements to program
  - b. Need for error checking
3. Relations and conditionals
  - a. `<`, `<=`, `>`, `>=`, `==`, `!=`
  - b. `&&`, `||`, `!`
  - c. Use in a **while** loop
4. Error handling
  - a. **if** statement
  - b. Back to program
5. Usability: prompt for amount