Lecture 4: October 8, 2019

**Reading:** §2.10, 4.4, 6.11

**Assignments:** Homework 1, due on October 10 at 11:59pm

1. Greetings and felicitations!
   (a) Revision to homework 1, question 2; you can enter the sides one per line rather than all three on one line

2. Fibonacci numbers [fib.py]

3. Input

4. Output [printing.py]
   (a) Printing without format
   (b) Printing with format using `%`
   (c) Printing with format using `format` method

5. `continue` and `break` statements in loops [loop1.py]

6. `import` statement
   (a) `import math` [hypotoex1.py]
   (b) Need the “math.” before “sqrt”
   (c) `from math import sqrt` [hypotoex.py]
   (d) Do not need the “math.” before “sqrt”
   (e) Now add in exception handling [hypotex.py]

7. Full version of the hypotenuse program [pythag1.py]