Coursera Course Notes - Python for Everyone

Modules 1 and 2:

– I learned about the purpose of programming and background knowledge of the software and hardware

– I installed Phoenix Code and Java3
– I learned about how to use Terminal
  – cd
  – ls
  – mkdir

Module 3:

– done quizzes and assignments

Modules 4 and 5:

learned about...
– comparison operators (==,<,>,<=,>=,!=)
– one-way decisions with if; two-way decisions with if-then-else; nested decisions (if/else inside if); elif
– indentations in Python are very important
– try and except to catch errors

Module 5:
– using functions for storing and reusing

Program:
ex.
def thing():
      print('...')
      print('......')
– storing what's indented to the function "thing()"

Loops and Iterations

while loop
– definite/indefinite loops

for loop
- count; find sum; find average; find largest; find smallest
    - largest or smallest (set a variable = None)
        - ex. if smallest is None; smallest = value
- find a number - set a variable to false, set to true if found it