GoCode Prework Week 2

The tutorials below will help you get a basic proficiency with Python. We start with Learn Python the hard way which is a great way to dive into Python. We will test you on these concepts during week 1, so start these sooner rather than later!

1) Code Academy Python (8 hours)

- http://www.codecademy.com/en/tracks/python

    - Complete the exercises up to and including the "functions" module

2) Python the hard way Exercise 0-21 (8 hours)

- Work through exercise 0 through 21 (functions)
    - You will learn basic data-types and basic input/output. **On the first day of class, we will test you on these concepts!**

3) Understand Loops (4 hours)

- Read this piece on for-loops: https://blog.udemy.com/python-for-loop/

- Complete exercises here: http://www.learnpython.org/en/Loops

Assess yourself:

- What is an if/else statement?
- What are the common data types in Python?
- What is the difference between a float and an integer?
- How can you ask a user for input in Python?
- What is standard in and standard out?
- Use a for loop to iterate through an array of integers 1 - 10 and print out all the odd numbers
- Create a function that takes in an integer and returns whether it is greater than 5 or not.
- Create a function that takes a string and returns the string with all "e" characters stripped