CPSC 230: Computer Science I
Spring 2018
Programming Assignment 6
Due: April 15, 2018 @ 11:59pm

Overview

Implement the following problem as a self-contained python module. This is an individual assignment; you will each turn in your own project.

1. Write a module, latin.py, with two functions wordToPig and nameToPig. Your wordToPig function will take 1 parameter, a string, and convert the word passed in to the parameter based on the below rules, returning the result. Your nameToPig function takes 2 input parameters, firstName and lastName, and will use your wordToPig function internally to translate the names. Your nameToPig function returns the names in pig Latin. (Remember, only one return statement will execute within a function, so how do you need to structure your return statement to return two elements?)

Please use the following guidelines for Pig Latin:

- **Words beginning with consonants:** move the consonant from the start of the word to the end of the word. Then add the suffix "ay" to the end of the word. For example, the word "Hello" would become Ellohay, the word "Moose" would become Oosemay.
    - For a bonus, remove all consonants from the start of the word to the end of the word and then add the suffix “ay” to the end. For example, “Chapman” becomes Apmanchay.
- **Words beginning with vowels**: all you need to do is add "yay" to the end of the word. You don't need to change any letters around, just spell the word as normal then add "yay" to the end. For example: the word "Egg" becomes Eggyay and the word "Ultimate" becomes Ultimateyay.

Make sure to use string methods to have capital letters where appropriate and not otherwise. (“Hello” becomes “Ellohay” not “elloHay”.) Test your nameToPig function with two different names, both input from the user (there is no need to test your wordToPig function separately, as it is called within nameToPig). Assume the user enters his/her name with capitals for both their first and last name. (Daniele Struppa becomes Anieleday Truppasay – bonus for Anieleday Uppastray)

Due Date

This assignment is due at 11:59 pm on 4-15-2018. Submit via Blackboard; create a zip file with all your files in it. It should be labeled firstinitiallastname_PA6.
Please make sure to include all the required files (README, source files).

Grading

Your program will be evaluated for correctness, elegance, and adherence to all requirements as specified in the project document. In particular, you should make sure your code is properly commented and obeys standard naming conventions.