

Practice Exercise #37: Pig Latin

http://www.comp.nus.edu.sg/~cs1010/4_misc/practice.html

Reference: Week 9

Date of release: 13 October 2014

Objective: String

Task statement:

Pig Latin is a language game of alterations played in English. We will use a simple version here:

- For a word starting with a consonant, move the first consonant to the end of the word and append “ay”. Examples: “computer” becomes “omputercay”, “program” becomes “rogrampay”.
- For a word starting with a vowel, simply append “way” to the word. Examples: “able” becomes “ableway”, “only” becomes “onlyway”.

Write a program **pig_latin.c** to read in a sentence comprising words in lowercase, and convert the sentence into Pig Latin. You may assume that there is only one space separating two words, and that the sentence contains at most 80 characters.

You may write additional functions if there is a need.

Sample runs:

Enter sentence: **my cat likes to eat fish**

Converted: ymay atcay ikeslay otay eatway ishway

Enter sentence: **a good programmer is someone who looks both ways before crossing a oneway street**

Converted: away oodgay rogrammerpay isway omeonesay
howay ookslay othbay aysway eforebay rossingcay away
onewayway treetsay