

Class 4 Lab Exercises

1) Pig Latin is a game of alterations played on words. To make the Pig Latin form of an English word the initial consonant sound is transposed to the end of the word and an “ay” is affixed. Specifically, there are two rules:

- (a) If a word begins with a vowel, append “yay” to the end of the word.
- (b) If a word begins with a consonant, remove all the consonants from the beginning up to the first vowel and append them to the end of the word. Finally, append “ay” to the end of the word.

For example:

dog⇒ogday

scratch⇒atchscray

is⇒isyay

apple⇒appleyay

Write a program that repeatedly prompts for an English word to translate into Pig Latin and prints the translated word. If the user enters a period, halt the program.

Hints that you may find helpful:

- 1) Slice the strings!
- 2) Maybe the `in` operator will help

2) Re-write your rock-paper-scissors program from Class 2 to:

- * Let you play multiple rounds against the computer, until one player reaches 5 wins
- * Announces whoever reaches 5 wins first as the winner