**Lab 0 – Python Review Practices**

1. Write a function getPigLatin(pigStr) that accepts pigStr as a parameter (a sentence as input) and converts each word to “Pig Latin.” and returns the entire string in Pig Latin. In one version, to convert a word to Pig Latin, you remove the first letter and place that letter at the end of the word. Then, you append the string “ay” to the word. Call the function from a main function.

Here is an example:

English: I SLEPT MOST OF THE NIGHT

Pig Latin: IAY LEPTSAY OSTMAY FOAY HETAY IGHTNAY

1. The Fast Freight Ship Anywhere Company charges the following rates:

|  |  |  |
| --- | --- | --- |
| **Weight of Package** | **Domestic Rate per Pound** | **Flat international rate per Pound** |
| 2 pounds or less | $1.50 | $5.00 |
| Over 2 pounds but not more than 6 pounds | $3.00 | $10.00 |
| Over 6 pounds but not more than 10 pounds | $4.00 | $15.00 |
| Over 10 pounds | $4.75 | $25.00 |

Write a program that asks the user to enter following information for two packages: where they want to ship each package and the weight of each package then displays their total shipping charges.

1. You have hired by a local bank and have been given an assignment to write two functions called withdrawAmount and depositAmount each with two parameters balance and amount. In each case, functions should return updated balance. Call these functions from main function by asking user whether they want to withdraw funds, deposit funds, or quit the program. Print out the balance after each call to these functions. Your code should keep asking user these options until user decides to quit. Implement the error checks to make sure user cannot withdraw more than the balance. Ask user what their starting balance is.
   1. Sample inputs to try

|  |  |  |
| --- | --- | --- |
| Current Balance Messages | Withdraw amounts | Deposit amount |
| 1000 | 75 |  |
| 925 |  | 150 |
| 1075 | 295 |  |
| 780 | 800 |  |
| Error message: Insufficient balance! No withdrawals made. Balance is 780 | 80 |  |
| 700 |  |  |