Python Assignment #5: The String

<u>Key Idea:</u>

- I can select items from strings to either count them or change them

Packet 5 Videos:

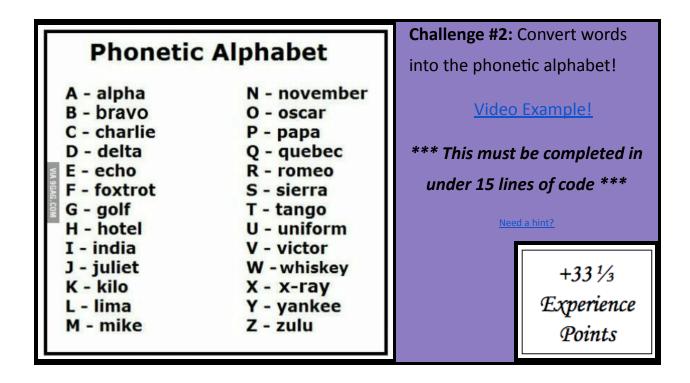
Video 1: Evil Program

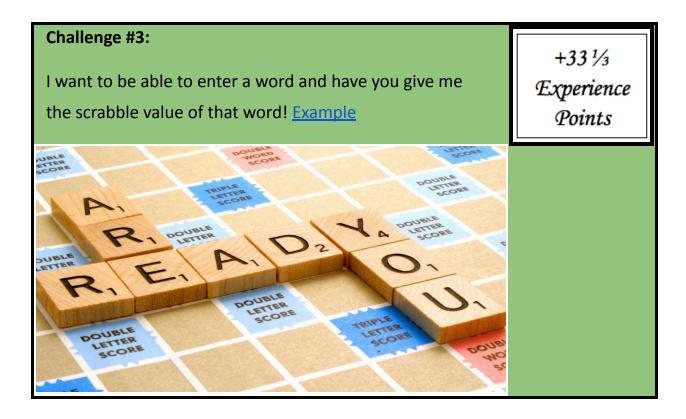
Scoring:

You need a minimum of 70 experience points to move on from this packet. How you choose to achieve that task is entirely up to you.

> 100 Points: A+ 90 Points: A 80 Points: B 70 Points: C Below 70 Points: F

+33 ¼ Experience Points **Challenge #1:** Write a program that will take a string and a letter as a variable and counts how many times that letter shows up in the string. The function should return the number of times it shows up. For instance if you call your function on: "abracadabra" and "a" you should get an answer of 5. Example





Challenge #4: The Mystery Box Challenge. We got a mystery program that has an algorithm for figuring out if the word is good or bad. There are hints all over

the place in there if you are clever!!!

Here it is:

MYSTERY BOX CHALLENGE.

+33 ⅓ Experience Points



Challenge #5: Using the program from the previous	
problem, write a program that will count all of the letters in	$+33\frac{1}{3}$
the string that you type in and print out a summary that	Experience
shows the letters and their frequency. For instance, with	Points
the "bubble" example, your program should print out:	
What word would you like to cut apart?bubble b appeared 3 times. e appeared 1 times. l appeared 1 times. u appeared 1 times. >>>	
This could save you a minute **** This must be completed in under 25 lines of code ****	