

Laboratory Activity No: 4

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| Name: | Mark Lester F. Padilla | Schedule: | M 730-1030, H 1430-1730 |
| Section: | EQ1 | Course: | LBYCPA1 |

1. What is the result of each of the following:

>>> "Python"[1]

>>> "Strings are sequences of characters."[5]

>>> len("wonderful")

>>> "Mystery"[:4]

>>> "p" in "Pineapple"

>>> "apple" in "Pineapple"

>>> "pear" not in "Pineapple"

>>> "apple" > "pineapple"

>>> "pineapple" < "Peach"

2. Modify:

prefixes = "JKLMNOPQ"

suffix = "ack"

for letter in prefixes:

print(letter + suffix)

so that Ouack and Quack are spelled correctly.

3. Assign to a variable in your program a triple-quoted string that contains your favourite paragraph of text — perhaps a poem, a speech, instructions to bake a cake, some inspirational verses, etc.

Write a function which removes all punctuation from the string, breaks the string into a list of words, and counts the number of words in your text that contain the letter “e”. Your program should print an analysis of the text like this:

Your text contains 243 words, of which 109 (44.8%) contain an "e".

4. Print out a neatly formatted multiplication table, up to 12 x 12.