## course\_1\_assessment\_7

Due: 2018-11-25 01:21:00

Description: Assessment for Way of Programmer Week 3.

## Score: 5.0 of 5 = 100.0%

## Questions

Score: 1.0 / 1

Comment: autograded

rainfall mi is a string that contains the average number of inches of rainfall in Michigan for every month (in inches) with every month separated by a comma. Write code to compute the number of months that have more than 3 inches of rainfall. Store the result in the variable num\_rainy\_months . In other words, count the number of items with values > 3.0.

Hard-coded answers will receive no credit.

```
Save & Run
                                      Load History
                                                      Show CodeLens
1 rainfall_mi = "1.65, 1.46, 2.05, 3.03, 3.35, 3.46, 2.83, 3.23, 3.5, 2.52, 2.8, 1.85"
                                ActiveCode (assess ps3 1 1 1)
```

Score: 1.0 / 1

Comment: autograded

The variable sentence stores a string. Write code to determine how many words in sentence start and end with the same letter, including one-letter words. Store the result in the variable <code>same\_letter\_count</code>.

Hard-coded answers will receive no credit.

Save & Run Load History **Show CodeLens** 

```
sentence = "students flock to the arb for a variety of outdoor activities such as jogging

# Write your code here.

ActiveCode (assess ps3 1 1 2)
```

Score: 1.0 / 1

Comment: autograded

Write code to count the number of strings in list items that have the character w in it. Assign that number to the variable  $acc_num$ .

HINT 1: Use the accumulation pattern!

HINT 2: the in operator checks whether a substring is present in a string.

Hard-coded answers will receive no credit.

```
Save & Run Load History Show CodeLens

items = ["whirring", "wow!", "calendar", "wry", "glass", "", "llama", "tumultuous", "owing"]

ActiveCode (assess_ps3_1_1_3)
```

Score: 1.0 / 1

Comment: autograded

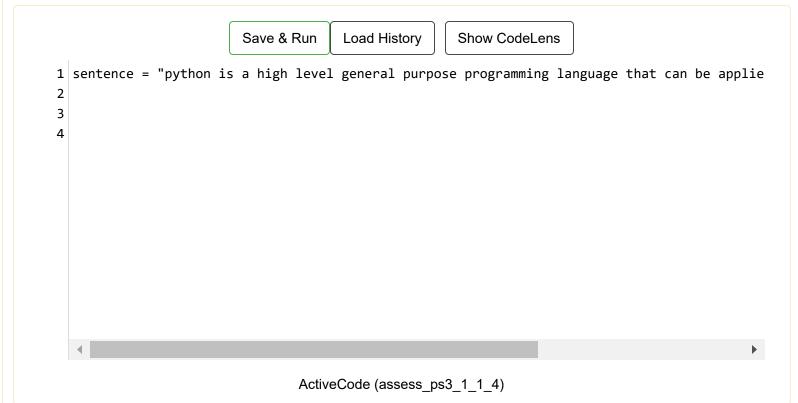
Write code that counts the number of words in sentence that contain *either* an "a" or an "e". Store the result in the variable <code>num\_a\_or\_e</code>.

Note 1: be sure to not double-count words that contain both an a and an e.

HINT 1: Use the in operator.

HINT 2: You can either use or or elif.

Hard-coded answers will receive no credit.



Score: 1.0 / 1

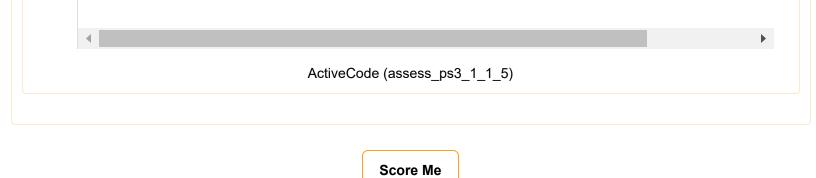
Comment: autograded

Write code that will count the number of vowels in the sentence s and assign the result to the variable num vowels. For this problem, vowels are only a. e. i. o. and u. Hint: use the in operator with vowels

```
Save & Run Load History Show CodeLens

1 s = "singing in the rain and playing in the rain are two entirely different situations but vowels = ['a','e','i','o','u']

4 # Write your code here.
```



© Copyright 2018 Runestone Interactive LLC

username: sandipan.dey@gmail.com | Back to top