course_1_assessment_7

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

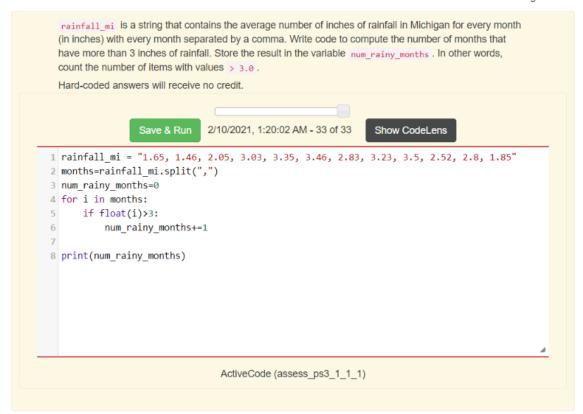
Description: Assessment for Way of Programmer Week 3.

Score: 5.0 of 5 = 100.0%

Questions

Score: 1.0 / 1

Comment: autograded



Score: 1.0 / 1

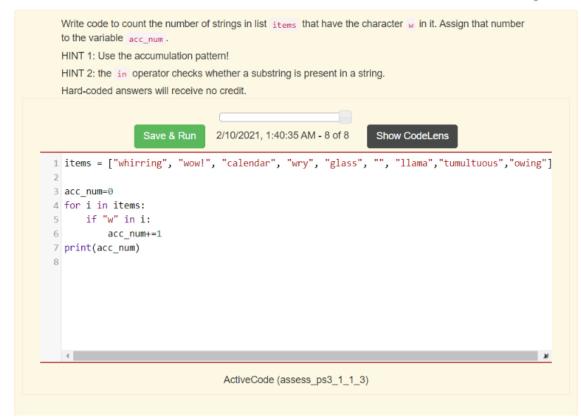
Comment: autograded

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.



Score: 1.0 / 1

Comment: autograded



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 num_a_or_e.
  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.
                   Save & Run
                                  2/10/2021, 1:47:45 AM - 4 of 4
                                                                   Show CodeLens
 1 sentence = "python is a high level general purpose programming language that can be applie
 2 List=sentence.split()
 3 num_a_or_e=0
 4 for i in List:
       if 'a' in i:
            num_a_or_e+=1
       elif 'e' in i:
           num_a_or_e+=1
9 print(num_a_or_e)
10
11
                                   ActiveCode (assess_ps3_1_1_4)
```

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 2/10/2021, 1:52:47 AM - 6 of 6 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']

num_vowels=0

for i in s:
 if i in vowels:
 num_vowels+=1
 print(num_vowels)

