course_2_assessment_3

Due: 2018-11-25 01:30:00

Questions

2

Description: Assessment for Dictionary Accumulation Lesson

Score: 1.0 / 1

Score: 9.0 of 9 = 100.0%

Comment: autograded

The dictionary Junior shows a schedule for a junior year semester. The key is the course name and the value is the number of credits. Find the total number of credits taken this semester and assign it to the variable credits. Do not hardcode this – use dictionary accumulation!

```
Save & Run
                                                      Show CodeLens
                                      Load History
1 Junior = {'SI 206':4, 'SI 310':4, 'BL 300':3, 'TO 313':3, 'BCOM 350':1, 'MO 300':3}
                                    ActiveCode (ac10_9_9)
```

Score: 1.0 / 1

Comment: autograded

Create a dictionary, freq, that displays each character in string str1 as the key and its frequency as the value.

```
Save & Run
                                      Load History
                                                      Show CodeLens
1 str1 = "peter piper picked a peck of pickled peppers"
```

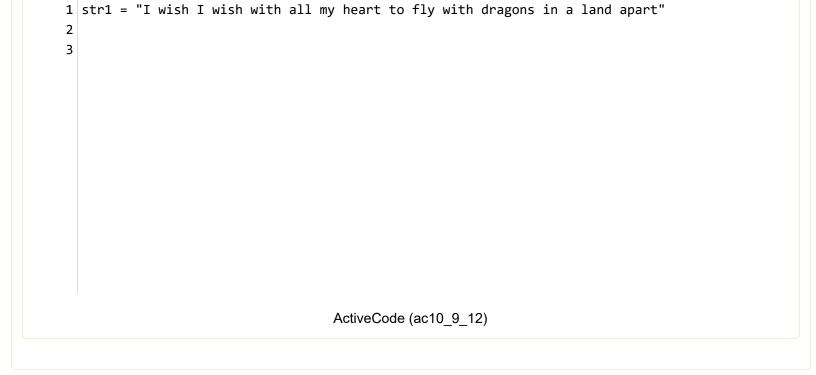
ActiveCode (ac10_9_10) Score: 1.0 / 1 Comment: autograded Provided is a string saved to the variable name s1. Create a dictionary named counts that contains each letter in s1 and the number of times it occurs. Save & Run Load History **Show CodeLens** 1 s1 = "hello" 3 ActiveCode (ac10_9_11) Score: 1.0 / 1 Comment: autograded Create a dictionary, freq_words, that contains each word in string str1 as the key and its frequency as

the value.

Save & Run

Load History

Show CodeLens



Score: 1.0 / 1

Comment: autograded

Create a dictionary called <code>wrd_d</code> from the string <code>sent</code> , so that the key is a word and the value is how many times you have seen that word.

Save & Run Load History Show CodeLens

sent = "Singing in the rain and playing in the rain are two entirely different situations

ActiveCode (ac10_9_13)

Score: 1.0 / 1

Comment: autograded

Create the dictionary characters that shows each character from the string sally and its frequency. Then, find the most frequent letter based on the dictionary. Assign this letter to the variable best_char.

Save & Run Load History Show CodeLens

sally = "sally sells sea shells by the sea shore"

sally = "sally sells sea shells by the sea shore"

ActiveCode (ac10_9_14)

Score: 1.0 / 1

Comment: autograded

Find the least frequent letter. Create the dictionary characters that shows each character from string sally and its frequency. Then, find the least frequent letter in the string and assign the letter to the variable worst_char.

Save & Run Load History Show CodeLens

1 sally = "sally sells sea shells by the sea shore and by the road"

2 3

Score: 1.0 / 1

Comment: autograded

Create a dictionary named letter_counts that contains each letter and the number of times it occurs in string1. **Challenge:** Letters should not be counted separately as upper-case and lower-case. Intead, all of them should be counted as lower-case.

Save & Run Load History Show CodeLens

1 string1 = "There is a tide in the affairs of men, Which taken at the flood, leads on to fo

2 3

ActiveCode (ac10_9_16)

Score: 1.0 / 1

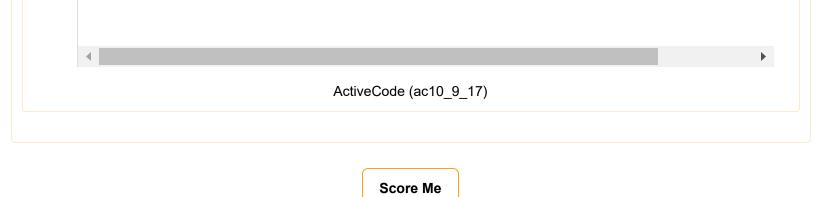
Comment: autograded

Create a dictionary called <code>low_d</code> that keeps track of all the characters in the string <code>p</code> and notes how many times each character was seen. Make sure that there are no repeats of characters as keys, such that "T" and "t" are both seen as a "t" for example.

Save & Run Load History Show CodeLens

1 p = "Summer is a great time to go outside. You have to be careful of the sun though becaus

2



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