course_2_assessment_3

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

Description: Assessment for Dictionary Accumulation Lesson

Score: 9.0 of 9 = 100.0%

Questions

Score: 1.0 / 1

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 | Load History | Show CodeLens

```
1 Junior = {'SI 206':4, 'SI 310':4, 'BL 300':3, 'TO 313':3, 'BCOM 350':1, 'MO 300':3}
2
```

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"
2
```

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"
2
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

```
1 str1 = "I wish I wish with all my heart to fly with dragons in a land apart"
2
3
```

ActiveCode (ac10_9_12)

Score: 1.0 / 1

Comment: autograded

Create a dictionary called `wrd_d` from the string `sent` , 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

```
1 sent = "Singing in the rain and playing in the rain are two entirely different situations
2
3
```

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"


```

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

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


```

ActiveCode (ac10_9_15)

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 `low_d` that keeps track of all the characters in the string `p` 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
3
```

ActiveCode (ac10_9_17)

Score Me