

LAB 3

Add the necessary code to the source file ***Vowel.py***, that asks the user to enter a sentence and extracts the sentence from the input terminal. The program should then display the sentence entered, the number of characters in the sentence, as well as the counts for all vowel types in the sentence. Keep in mind that your program should count both upper and lowercase vowels.

Sample runs are shown below.

Sample 1

This program asks the user for a sentence,
searches the sentence for all vowels,
and displays the number of times each vowel appears in the sentence.

Enter a sentence: Hello there!

The sentence "Hello there!" has 12 characters, and there are
0 a's
3 e's
0 i's
1 o's
0 u's

Sample 2

This program asks the user for a sentence,
searches the sentence for all vowels,
and displays the number of times each vowel appears in the sentence.

Enter a sentence: supercAlifragilIsticexpialid0cious

The sentence "supercAlifragilIsticexpialid0cious" has 34 characters, and there are
3 a's
2 e's
7 i's
2 o's
2 u's

Make sure to upload your source file to directory ***labs/3***

Once your lab is uploaded and while logged into the server via a terminal session, traverse to the directory ***labs/3***. YOU MUST BE IN DIRECTORY ***3***, TO SUBMIT YOUR LAB.

Once you are ready to submit your lab issue the command ***submit csc157abc 3*** where *abc* is the course section number.