19 Jan 2024  
  
Homework :

1. Please find each vowel separately in your defined f() ; please return a dictionary for it.
2. Read : What is a python library
3. Read : What is pandas (python library) ? Read details and use it to read excel files.
4. This is a very easy website to start (online python practice) :https://codingbat.com/python

Code ref :   
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import sys

# step-1 : bring sugar - 1kg

# step-2 : input : money , say 100 tk (we assume 1kg sugar price 90 tk)

# step-3 : our care-taker returns 1kg sugar + 10 taka

# find the how many vowels in a given string ;

vowel\_list = ['a','e','i','o','u']

def find\_vowel\_count\_1(user\_text) :

'''

This f() finds the vowel count in a given string

'''

vowel\_count = 0

for t in vowel\_list :

vowel\_count = vowel\_count + user\_text.count(t)

return vowel\_count

def find\_vowel\_count\_2(user\_text) :

'''

This f() finds the vowel count in a given string

'''

vowel\_count = 0

for t in user\_text :

if t in vowel\_list:

# vowel\_count = vowel\_count + 1

vowel\_count += 1

return vowel\_count

if \_\_name\_\_ == '\_\_main\_\_' :

user\_input\_1 = input('Enter text: ')

if user\_input\_1.isalpha(): # checking if each is alphabet

my\_vowel\_count = find\_vowel\_count\_1(user\_input\_1)

print("Total vowel count = ", my\_vowel\_count)

print("Total consonent count = ", len(user\_input\_1) - my\_vowel\_count)

else : # if any charcter is not an alphabet

sys.exit("Invalid Input, Please try again")

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in\_file = 'input\_data.csv'

f\_obj = open(in\_file,'r') # the f() open() helps us to read a file

for l in f\_obj :

l = l.strip()

list\_str = l.split(',') # returns a list (of elements)

print(list\_str )

print ( 'name =', list\_str[0], 'id =', list\_str[1], 'email =', list\_str[2] )

f\_obj.close()

'''

f\_obj = open(in\_file,'r')

my\_str = f\_obj.read()

print(my\_str.strip())

'''