

March 13, 2022

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[1]: # Nile S    roll no : 15
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[4]: vowels_ec015=0
num_ec015=0
consonant_ec015=0
specialchar_ec015=0
words_ec015=0

#input : I think that no matter how old or infirm I may become, I will always
→plant a large garden in the spring. Who can resist the feelings of hope and
→joy that one gets from participating in nature's rebirth? - Edward Giobbi
try:
    x_ec015=input('enter a random quote : ')
    y_ec015=x_ec015.lower()

    for letter_ec015 in y_ec015:

        if((letter_ec015>="a" and letter_ec015<="z") or(letter_ec015>="0"and
→letter_ec015<="9" ) or (letter_ec015==" ")):
            if(letter_ec015>="a" and letter_ec015<="z"):

                if(letter_ec015=='a'or letter_ec015=='e' or letter_ec015=='i'or
→letter_ec015=='o' or letter_ec015=='u'):
                    vowels_ec015+=1
                else:
                    consonant_ec015 +=1
            elif(letter_ec015==" "):
                words_ec015+=1
            if(letter_ec015>="0"and letter_ec015<="9"):

                num_ec015 += 1

        else:
            specialchar_ec015 +=1
except MemoryError:
    print('sorry, Memory Error Due to Low RAM ')
#output Total no of words in quote 43
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#no of vowels in quote 63
#no of consonants in quote 109
#no of special character in quote 5
print("Total no of words in quote :",words_ec015)
print("Total no of vowels in quote : ",vowles_ec015)
print("Total no of consonants in quote : ",consonant_ec015)
print("Total no of special character in quote : ",specialchar_ec015)
```

enter a random quote : I think that no matter how old or infirm I may become, I will always plant a large garden in the spring. Who can resist the feelings of hope and joy that one gets from participating in nature's rebirth? - Edward Gibbbi

Total no of words in quote : 44

Total no of vowels in quote : 63

Total no of consonants in quote : 109

Total no of special character in quote : 5