'''

#1.

class Password:

password=input("enter the password:")

def \_\_init(self,password):

self.password=password

def dis(self):

if len(self.password)<8:

print("password must need 8 characters")

elif self.password.isupper():

print("password must in both upper and lower characters")

elif self.password.islower():

print("password must in both upper and lower characters")

elif self.password.isalpha():

print("password must need numbers")

for \_ in self.password:

if \_ not in ("~","!","@","#","$","%","^","&","\*"):

print("password must need 1 character")

else:

print("invalid")

p=Password()

p.dis()'''

#2,

class Textprocessor:

text=input("enter the sentence:")

def \_\_init\_\_(self,text):

self.text=text

self.l=[]

def display(self):

punctuation=['.','!','?']

sentence=""

for char in self.text:

sentence += char

if char in punctuation:

self.l.append(sentence.strip())

sentence = ""

if sentence.strip():

self.l.append(sentence.strip())

for i in self.l:

print(i)

def dis(self):

for sentence in self.l:

word\_count = len(sentence.split())

print("Sentence:",sentence,", Word Count:",word\_count)

p=Textprocessor()

p.display()

p.dis()