Write a program to count word frequencies in a given text.

```python
# Find frequency of each word in a string in Python

# using dictionary.

def count(elements):

    # check if each word has '.' At its last. If so
then ignore '.'

    if elements[-1] ==  '.' :

        elements = elements[0:len(elements) – 1]

    # if there exists a key as "elements" then simply

    # increase its value.

    if elements in dictionary:

        dictionary[elements] += 1

    # if the dictionary does not have the key as "elements"

    # then create a key "elements" and assign its value to 1.

    else:

        dictionary.update({elements: 1})

# driver input to check the program.

Sentence = "Apple Mango Orange Mango Guava Guava Mango"

# Declare a dictionary

dictionary = {}

# split all the word of the string.

lst = Sentence.split()

# take each word from lst and pass it to the method count.


for elements in lst:

    count(elements)

# print the keys and its corresponding values.

for allKeys in dictionary:

    print ("Frequency of ", allKeys, end = " ")
```

```
    print (":", end = " ")
    print (dictionary[allKeys], end = " ")
    print()
```
This code is contributed by Ronit Shrivastava.

Output :

Frequency of Apple : 1

Frequency of Mango : 3

Frequency of Orange : 1

Frequency of Guava : 2

Time complexity : O(n)

Space complexity : O(n)

(newstring[iteration])) to find the frequency of word at each iteration.

Note:

String_name.count(substring) is used to find no. of occurrence of Substring in a given string.

For example:

CODE   :

str='Apple Mango Apple'

str.count('Apple')

 str2='Apple'

 str.count(str2)

OUTPUT :

2

2