

[+ Code](#)[+ Text](#)

```
from collections import Counter
import re
def word_frequency(text):
    words = re.findall(r'\b\w+\b', text.lower())
    frequency = Counter(words)
    return frequency
text = "Write a Python program to calculate the frequency of each word in a given text. Print the words and their corresponding counts."
freq = word_frequency(text)
for word, count in freq.items():
    print(f'{word}: {count}')
```

```
↩ write: 1
a: 2
python: 1
program: 1
to: 1
calculate: 1
the: 2
frequency: 1
of: 1
each: 1
word: 1
in: 1
given: 1
text: 1
print: 1
words: 1
and: 1
their: 1
corresponding: 1
counts: 1
```

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