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#EXCLLER DAY-5(198)
from collections import Counter
import re

def word_frequency(text):
    words = re.findall(r'\b\w+\b', text.lower()) # Extract words and convert to lowercase
    frequency = Counter(words) # Count occurrences of each word
    return frequency

# Define the input text
text = "Write a Python program to calculate the frequency of each word in a given text."

# Call the function and store the result
freq = word_frequency(text)

# Print the word frequencies
for word, count in freq.items():
    print(f'{word}: {count}')
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↩ write: 1  
a: 2  
python: 1  
program: 1  
to: 1  
calculate: 1  
the: 1  
frequency: 1  
of: 1  
each: 1  
word: 1  
in: 1  
given: 1  
text: 1