1/24/25, 10:50 AM Untitled6



```
#LMS DAY-5(197)
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. P
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