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In [5]: #Name: Mohith Dande
import re
from collections import Counter

def word_frequency(text):
    # Convert to lowercase and extract words
    words = re.findall(r'\b\w+\b', text.lower())

    # Count word frequencies
    freq = Counter(words)

    # Sort by frequency (descending)
    sorted_freq = sorted(freq.items(), key=lambda x: x[1], reverse=True)

    # Print results
    for word, count in sorted_freq:
        print(f"{word} → {count}")

# Example usage
if __name__ == "__main__":
    paragraph = """
    This is a simple test. This test is only a test.
    In the event of an actual emergency, the test would have been followed b
    """
    word_frequency(paragraph)

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test → 4
this → 2
is → 2
a → 2
the → 2
simple → 1
only → 1
in → 1
event → 1
of → 1
an → 1
actual → 1
emergency → 1
would → 1
have → 1
been → 1
followed → 1
by → 1
instructions → 1

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In []: