WORD FREQUENCY COUNTER

CODE:

from collections import Counter

def word\_frequency\_counter(text):

# Clean text by removing punctuation and converting to lowercase

cleaned\_text = ''.join(char.lower() if char.isalnum() or char.isspace() else ' ' for char in text)

words = cleaned\_text.split()

# Count word frequencies

frequency = Counter(words)

return frequency

# Main program

def main():

print("Word Frequency Counter")

print("Enter a block of text below:")

# Input text from the user

text = input("\nText: ")

# Calculate word frequencies

frequencies = word\_frequency\_counter(text)

# Display word frequencies

print("\nWord Frequencies:")

for word, count in frequencies.items():

print(f"{word}: {count}")

if \_\_name\_\_ == "\_\_main\_\_":

main()