Build a python program that counts the number of words in a given sentence or paragragh.

PROGRAM:

def word\_count(text):

"""

Function to count the number of words in the given text.

Parameters:

text (str): The input text to be counted.

Returns:

int: The number of words in the input text.

"""

words = text.split() # Split the text into words

return len(words) # Return the count of words

def main():

"""

Main function to handle user input and display word count.

"""

print("Welcome to the Word Count Program!")

# Prompting the user for input

user\_input = input("Please enter a sentence or paragraph: ")

# Checking for empty input

if not user\_input.strip(): # Check if the input contains only whitespace

print("Error: No input provided.")

else:

# Counting the words in the input

count = word\_count(user\_input)

print("Word count:", count)

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

main()

Welcome to the Word Count Program!

Please enter a sentence or paragraph: Python is a programming

language that places weight on coding productivity and code

readability.

Word count: 14

=== Code Execution Successful ===

Welcome to the Word Count Program!

Please enter a sentence or paragraph:

ERROR!

Error: No input provided.

=== Code Execution Successful ===