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10/19/25

Program Description:

This program prompts the user to enter a paragraph and identifies each sentence, including sentences that start with numbers using a pattern. The program then counts the number of sentences in the paragraph and displays each sentence in numerical order and displays the total number of sentences.

1. Get\_paragraph():

Description: prompts the user to enter their paragraph

Parameters: none

Variables: s – used to hold the user’s input

Logical steps:

1. Prompt the user for a paragraph

2. Return the results

Returns: s – returns the user input

1. Analyze\_paragraph

Description: The function fetches the user’s input and separates each sentence using a pattern. The function also counts the number of sentences in the paragraph and displays each sentence and the total number of sentences.

Parameters: none

Variables:

Sentence – The user’s paragraph from the first function

Pat – The pattern used to identify the sentences

Sentences – Applies the patten to the user’s paragraph

Logical steps:

1. Fetch the user’s paragraph from the previous function
2. Create a pattern for the sentences to follow
3. Apply the pattern to the user’s input
4. Display each sentence
5. Display total number of sentences

Returns: print statements displaying the sentences and the total number of sentences.

Link to repository: <https://github.com/AbriannaJohnson/COP2373>

Output:A screen shot of a computer

AI-generated content may be incorrect.