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Program Description:

The program requests the user for a paragraph and then splits it into sentences. Giving as a result the number of sentences in the paragraph.

Functions used in the Program:

1. Function Name: sentences\_split

Description: Uses an expression pattern to split the text into sentences.  
Parameters: text: The input introduced by the user.  
Variables: sentences: Gather the results of the sentence using re.split.  
Logical Steps: Uses a punctuation pattern to determine the number of sentences. In the case it is detected as a sentence, strips the whitespaces. Remove any empty strings from the list.  
Returns: Non-empty sentence string

2. Function Name: main

Description: Requires the user the input, calls the sentence\_split to determine the number of sentences, then prints the results.

Parameters: None

Variables: Paragraph: The input introduced by the user

Sentences: Stores the number of sentences returned from the sentences\_list.

Logical Steps: Requests the user for a paragraph. Call the sentence\_split to determine the number of sentences. Prints the number of sentences along with the sentence number. Prints the total number of sentences.

Returns: None.

Logical Steps:

1. Starts with the main() function and requests the user for a paragraph.
2. Main() calls the sentence\_split in order to calculate the number of sentences in a text.
3. Prints the number of sentences and the number, then the total

Link to your repository: https://github.com/TheSantiagoXVII/COP2373.git

Output Screenshot:

A black screen with colorful dots

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