Name:

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Program Description:

This program takes a paragraph input and breaks the sentences apart to count the number of sentences and keeps numbers intact.

1. Function Name: read\_paragraph

Description:

Asks the user for the paragraph and then reads the paragraph to look for errors

Parameters:

* No parameters

Variables:

* Lines - the number of lines in the paragraph

Logical Steps:

1. Asks user for the paragraph
2. Analyzes it for errors
3. Returns the whole paragraph as a string

Returns:

The whole paragraph as a string

1. Function Name: split\_sentences

Description:

Takes the paragraph and splits it into individual sentences and makes them into a string

Parameters:

* Text - the paragraph imputed by the user

Variables:

* Parts - the sentences before they are edited
* Sentences - the final sentences counted towards the total

Logical Steps:

1. Removes the white space
2. Uses regex to split the text wherever it finds sentence enders
3. Further removes white space
4. Returns list of edited sentences

Returns:

* A completed list of all the cleaned sentences

1. Function Name: main

Description:

Main function that displays the results from the other functions and calculates the number of sentences in the given paragraph.

Parameters:

* No parameters

Variables:

* Paragraph - the text imputed by the user
* Sentences - the cleaned sentences

Logical Steps:

1. Reads the paragraph
2. Splits the paragraph
3. Prints each sentence in its own line numbered
4. Displays the total number of sentences

Returns:

* Each sentences split and numbered and the total number of sentences.

Logical steps:

1. Ask the user to input a paragraph
2. Splits the paragraph into sentences
3. Checks for empty inputs
4. Displays the sentences in a list numbered
5. Prints the total number of sentences

List of functions in order:

1. Read\_paragraph
2. Split\_sentences
3. main

Link to your repository:

Output Screenshot:

