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**Program Description:**

This program will get a paragraph as user input, then display the sentences found, and the total number of sentences.

**Functions used in the Program (list in order as they are called):**

1. **Function Name:** main()

**Description:** main() gets the paragraph input from the user, then displays the sentences, along with the total number of sentences.

**Parameters:** None

**Variables:**

1. my\_paragraph, This is the users paragraph input
2. sentences, this is the sentences found in my\_paragraph

**Logical Steps:**

1. Get a paragraph input from the user
2. Call sentence\_count() to count the number of sentences in the users paragraph
3. Display the sentences
4. Display the total number of sentences

**Returns:** none

2. **Function Name:** sentence\_count()

**Description:** This function will find the sentences and the number of sentences

**Parameters:** my\_paragraph, the users input

**Variables:**

1. sentence\_pattern, pattern used to find the sentences in my\_paragraph
2. sentences, the sentences found in my\_paragraph

**Logical Steps:**

1. Create a pattern using regular expressions
2. Find the sentences in my\_paragraph and assign it to a variable named sentences
3. Return sentences to main()

**Returns:** sentences, this is the sentences found in my\_paragraph

**Logical Steps:**

1. Import regular expressions
2. Get a paragraph input from the user named my\_paragraph
3. Pass my\_paragraph to sentence\_count()
   1. Create a pattern using regular expressions
   2. Compare my\_paragraph with pattern using regular expressions to find the sentences
   3. Return sentences
4. Display the sentences found
5. Display the number of sentences found

**Link to your repository:** <https://github.com/ficklative/COP2373/tree/master>

**Output Screenshot: (make sure big enough so I can see)**

A screen shot of a computer

AI-generated content may be incorrect.