Technical Design Document

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Program Description:

Program that allows users to input a paragraph including sentences that begin with numbers. After getting user input the program displays each individual sentence and the count of sentences in the paragraph.

Functions Used in the Program

1. Function Name: main()

* Description: This function where the user will input the paragraph they would like analyzed
* Variables
  + Str para
* Logical Steps
  + Ask for a user's paragraph and pass it into a function as a parameter to be analyzed.

1. Function Name: analyzePara()

* Description: Using the paragraph obtained by user input, analyze and display the sentences individually and the paragraph sentence count.
* Parameters:
  + Str para
* Variables:
  + Str pat
  + List paraData
* Logical Steps:
  + Take the users paragraph and identify each sentence and add them to a list (paraData) then loop through that created list top display each sentence individually while also keeping track of the sentence count which will also be displayed.

Link to Repository: <https://github.com/DFaustin175/COP2373>

Output Screenshot: