**Technical Design Document**

Karina Chorna

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**Program Description**

The purpose of this program is to split the paragraph that the user enters into individual sentences and display each sentence as well as the total count.

**Function Name:** split\_into\_sentences(paragraph)

**Description:**

The purpose of this function is to split the paragraph that the user enters into separate sentences.

**Parameters:** paragraph—represents the user’s paragraph

**Variables:**

1. sentence\_endings—instructs how to split the paragraph
2. sentences—stores the split sentences

**Logical Steps:**

1. create instructions on how to split the paragraph
2. store individual sentences

**Returns:** individual sentences

**Function Name:** display\_sentences(sentences)

**Description:**

The purpose of this function is to display each sentence and the total count.

**Parameters:** sentences—list of separated sentences

**Variables:**

1. i—represents the number of each sentence
2. sentence—represents each sentence

**Logical Steps:**

1. Loop through each sentence and add a number to precede it
2. Display each sentence in a numbered list
3. Display the total number of sentences

**Returns:** none

**Function Name:** main()

**Description:**

The purpose of this function is to prompt the user to enter a paragraph before splitting it into separate sentences and displaying the results.

**Parameters:** none

**Variables:**

1. paragraph—stores the user’s paragraph
2. sentences—stores the individual sentences

**Logical Steps:**

1. prompt the user to enter a paragraph
2. display the results

**Returns:** list of sentences and total count

[COP2373\_Repository](https://github.com/KarinaChorna/COP2373)

A screenshot of a computer program

AI-generated content may be incorrect.