**Sentence Counter**

**Name:** Austin Wilson

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**Program Description:** Takes user input of sentences and prints them out line by line, and then displays the number of sentences inputted.

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

1. **Function Name:** re.findall

**Description:** allows for pattern to find provided substrings

**Parameters:**

pat: Instructions that provide the layout of a sentence

s: The input sentences taken by the user

flags: Combines re.DOTALL and re.MULTILINE flags to allow lines and multiline inputs

**Variables:**

pat**:** Searches for sentences,

s: Input entered by the user.

m: A list of sentences that match the pattern.

**Logical Steps:**

Takes pattern and searches s for all substrings that are matching then returns.

**Returns:**

m: List for all the sentences that match the pattern.

2. **Function Name:** print

**Description:** Displays outputs

**Parameters:**

i: The sentence from m that is printed

f’{len(m)}’: Formatted string that prints the number of sentences (m)

**Variables:** I and m

**Logical Steps:** Searches each item in m list, prints with > leading then finally prints the total number of sentences.

**Logical Steps:**

1. Asks user to enter a message
2. The input is passed to re.findall() to find matching sentences
3. Returns list of matching sentences
4. Prints each sentence and total number of sentences

**Link to your repository:** <https://github.com/awilso70/COP2373-Austin-Wilson-Sentence-Counter>