AQ6.5: Activity Question 5 - Not Graded

**This assignment will not be graded and is only for practice.**

**Note : This activity is only for practice purpose and it will not be counted towards the Final score**  
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[**Click here**](https://drive.google.com/drive/folders/1JBRSlac2hxKgfYLcoII7pGEd8g3fFi_q?usp=sharing)**to refer/view the data used:**  
  
**++++++++++++++++++++++++++++++++++**

***1 point***

The proposed hypothesis is based on ”Paragraph Words” dataset.  
  
 **Hypothesis:** Adjectives are followed by nouns.  
  
 Let **con** and **ref** are the lists of sequence number of adjectives which confirm and refute the proposed hypothesis respectively. The variables X**X** and Y**Y** represent the lengths of lists **con** and **ref** respectively.  
  
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AI-generated content may be incorrect.

**Statement I**: The sum of X**X** and Y**Y** will give the total numbers of adjectives in the given dataset.

**Statement II**: The sum of X**X** and Y**Y** will give the total numbers of nouns in the given dataset.

Choose the correct option.

Both statements are true.

Statement I is true but statement II is false.

Statement I is false but statement II is true.

Both statements are false.

Consider the given lists that have been generated from a paragraph.

VV**VV** stores the words which start with vowels and followed by word starts with vowel.

VC**VC** stores the words which start with vowels and followed by word starts with consonant.

CV**CV** stores the words start with consonants and followed by word starts with vowel.

CC**CC** stores the words which start with consonants and followed by word starts with consonant.  
  
Lengths of the lists are given below:  
  
 A math equations with black text

AI-generated content may be incorrect.  
  
Answer the following questions.

***1 point***

What percentage confirm the hypothesis that words start with consonants are followed by word starts with consonant?

45

65

75

85

***1 point***

What percentage refute the hypothesis that words start with vowels are followed by word starts with vowel?

25

75

30

70

What is the total number of words present in the paragraph?