

ChatGPT

88 GPTs erkunden

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Python String Manipulation Task

String Manipulation Exercise

String Manipulation Exercise ...

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Neuer Chat

I'm a student learning the Python programming language. I would like to get some programming excercises. I'm not good with string manipulations. Please generate a task that I can use to practice. Don't provide the solution.

Here's a string manipulation exercise for you to practice:

Exercise: Word Frequency Counter

Objective: Write a Python program that takes a string input from the user and counts the frequency of each word in the string. The program should then display each word and its corresponding frequency.

Instructions:

- - The program should ask the user to input a long string (e.g., a sentence or a paragraph).

2. Processing:

- Convert the string to lowercase to ensure that word counting is case-insensitive.
- · Remove any punctuation marks from the string.
- · Split the string into individual words.
- · Count the frequency of each word in the string.

 Display each word along with its frequency in the format `word: frequency`, one word per line.

4. Bonus Challenge:

Sort the words alphabetically or by their frequency before displaying them.

Example:

Input:

Output:



Try to implement this exercise on your own. This will help you practice string manipulations such as splitting, cleaning, and counting elements.

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Team-Arbeitsbereich

hinzufügen

Sende eine Nachricht an ChatGPT

ChatGPT kann Fehler machen. Überprüfe wichtige Informationen