Sort Text

The provided Python script sorts words in a given string in alphabetical order without using the built-in sort function.

1. **Input Handling**:

* The script prompts the user to enter a string using `input("Enter a string: ")`.
* The input string is converted to lowercase using `user\_input.lower()` to ensure case-insensitive sorting.

2. **Function Definition**:

* The `sort\_text` function is defined to take a string as an argument.
* Inside the function, the input string is split into a list of words using `string.split()`.

3. **Sorting Logic**:

* The function uses a nested loop to compare and swap words based on their alphabetical order.
* The outer loop iterates over each word in the list.
* The inner loop compares the current word with the subsequent words.
* If the current word is greater than the next word (`words[i] > words[j]`), they are swapped using `words[i], words[j] = words[j], words[i]`.

4. **Return and Output**:

* The sorted list of words is returned by the function.
* The sorted words are then joined into a single string with spaces and printed using `print(" ".join(sort\_text(user\_input)))`.

This script effectively sorts the words in the input string in alphabetical order without using the built-in sort function, relying instead on a simple comparison and swapping mechanism.