

Copilot

Certainly! In C, there are several ways to return multiple values from a user-defined function. Let's explore a few of them:

1. Using Pointers:

- You can pass the arguments by reference (i.e., using pointers) and modify their values inside the function. This way, the changes will be reflected in the original variables.
- Here's an example in C:

2. Using Structures:

- Define a structure with two integer variables to store the greater and smaller values. Then, return the structure from the function.
- Example in C:

3. Using Arrays (for same types):

- When an array is passed as an argument, its base address is passed to the function. Any changes made to the copy of the array will affect the original array.
- Example (store greater value at arr[0] and smaller at arr[1]):

Remember to choose the method that best suits your specific requirements! 😊 If you have any more questions, feel free to ask! [1] [] [6]

Source: Conversation with Copilot, 5/24/2024

1. [How to return multiple values from a function in C or C++?](#)
2. [How to return multiple values from a function in C or C++?](#)
3. [Return multiple values from a function in C | Techie Delight](#)
4. [How do I return multiple values from a function in C?](#)
5. [How can I return multiple values from a function?](#)
6. [c - how to return multiple variables in a function - Stack Overflow](#)
7. [github.com](#)
8. [github.com](#)