

Copilot

Certainly! To take time input in C, you can use the `scanf` function to read formatted time from the user. Here's an example of how to do it:

```
#include <stdio.h>
```

```
int main() {  
    int hour, minute, second;  
    printf("Enter time (in HH:MM:SS): ");  
    scanf("%02d:%02d:%02d", &hour, &minute, &second);  
    printf("Entered time is %02d:%02d:%02d\n", hour, minute,  
second);  
    return 0;  
}
```

In this example:

- `%02d` specifies that the input should be read as an integer with at least 2 digits, padding with zeros if necessary.
- The user enters the time in the format `HH:MM:SS`, and the program extracts the hours, minutes, and seconds.

Feel free to modify the code according to your specific requirements! 🕒 👍

If you need to measure the time taken by a specific function or process, you can use the `clock()` function to calculate processor time⁴. Let me know if you have any more questions! 😊

Source(s)

1. [How to measure time taken by a function in C? - GeeksforGeeks](#)
2. [time\(\) function in C - GeeksforGeeks](#)
3. [C - Read Formatted Time Once through Scanf in C Language - Includehelp.com](#)
4. [Taking continuous input from user in C - Stack Overflow](#)
5. [How do I read in time input and format the output?](#)

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