

HW 5: Interval Timer

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Assigned: October 28, 2019

Due: 11:59pm November 4, 2019

- The goal of this assignment is to modify the “hello5.c” program so that it [uses the interval timer instead of sleep\(\)](#).
 - **Requirements**
 - The modified program should [accept a timer interval](#) (in millisecond) as an argument and use the real timer to generate SIGALRM.
 - The time interval should be updated as you press “p” or “m” buttons. The timer interval increases by 50 milliseconds when you push the “p” button. When you push the “m” button, the timer interval decreases by 50 milliseconds
 - The program terminates when you push the “q” button.
 - **Execution demo**
 - <https://youtu.be/HzUsLflmz54>

[Evaluation]

- `$gcc hello5_revised.c -o hello5_revised -lcurses`
- `$/hello5_revised 500`
- We will review your source code to check whether you use the interval timer or not!!

Late Day Policy

All homeworks are due at 11:59pm on the due date. A grading penalty will be applied to late assignments. Any assignment turned in late will be penalized 25% per late day.

Plagiarism

No plagiarism will be tolerated. If the assignment is to be worked on your own, please respect it. If the instructor determines that there are substantial similarities exceeding the likelihood of such an event, he will call the two (or more) students to explain them and possibly to take an immediate test (or assignment, at the discretion of the instructor) to determine the student's abilities related to the offending work.