Based on the materials taught in class, write a class to display a continuously running timer values through ncurses library. This class includes a Timer class and two integers as member data. These two integers are the leftmost position of the display region on screen. For example, the leftmost position of the timer display region in the following figure is (1,15), where the current timer value is 53 seconds.

(0,0)

Elapsed time: 00:53

(1,15)
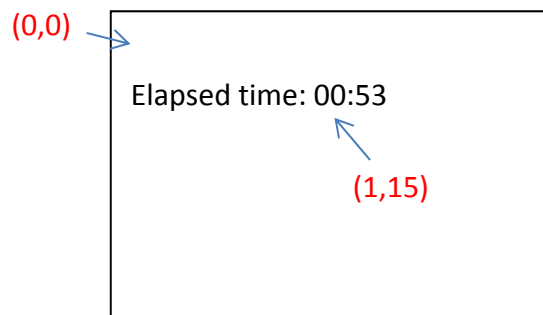
After 10 seconds, the timer value is 63 seconds, and is displayed as 01:03.

(0,0)

Elapsed time: 01:03

(1,15)
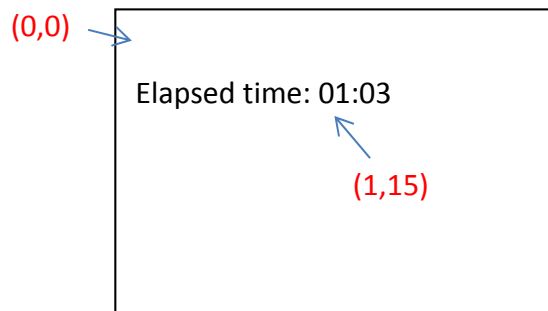
The timer keeps counting until the user presses 'q'.

Deliverables

Your .zip file should include the following things:

1. Your *.cpp* and *.h* files.
2. A *Makefile*.
3. A brief report showing at least two screen captures to prove the correctness of your program.