

SETUP

A HMSTimer is a simple class that keeps track of time in terms of Hours, Minutes and Seconds.

- When you create a timer you must provide *positive* values for Hours, Minutes and Seconds.
 - If the number of seconds exceeds 59, the other parameters must be 0.
 - If the number of minutes exceeds 59, the hours must be 0.
 - For example, you are allowed to set a 90 second timer, but you are not allowed to create a 1 minute and 90 second timer.
 - Values for hours, minutes and seconds are never negative.
- When you print a timer, it should be presented in the format: HH:MM:SS
 - eg. 7:23:45 or 22:12:19
- Once a timer has been established, there are only two ways to change its value:
 - When a timer “ticks”, the number of seconds is decremented. If there is no time left on the timer, a “tick” will cause the timer to beep (just print “beep”)
 - You have the option to Add 30 seconds.

TASK

1. Implement the Timer class, adhering to the specifications above.