Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Build a “Real Time Clock”** using a 1-second timer to cause a counter to count-up seconds to minutes to hours then days. The second counter will count to 60 then increment a Minute counter which will count to 60 which will increment an Hour Counter which will count to 24 then increment a Day counter. The Day Counter will reset itself at 7.

**See the Video in The LogixPro Programs to get you started. The program I require will continue out to count the days.**

EET276>***LOGIXPRO\_VIDEOS***>LxP\_7\_Timer-Counter

<https://grace.bluegrass.kctcs.edu/~mbinzer0001/shared_files/EET_PLC_VIDEOS/LOGIXPRO_VIDEOS/LxP_7_Timer-Counter.mp4>

**1)** Program a 7-day Real-Time Clock using a 1 second self-resetting timer and 4 counters (Seconds, Minutes, Hours and Days).

***Reminders:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Symbols*** | ***Comments*** | ***One Drive*** | ***Blank Program*** | ***Device Driver*** |
|  |  |  |  |  |