Event 0: Print "DN"   // Print "Do Nothing"
Turn all pins HIGH at the beginning (I2COUT)   // turns on all pins
Do Nothing

Event1: Print "TP"   // Print "Take Photo"
       Turn LED On   // turns on the LED
       Go to Slot 6 to Take Photo   // Photos taken go to slot 6
TakePhotoReturn:
       Print "TakePhotoReturn"   // Prints "TakePhotoReturn"
       STORE 0   // Stores code in slot 0
       WRITE DurDay, DurHour,DurMin   // copies values to EEPROM
       GOTO Event0_ET_RET   // "redirects" code to Event0

Check if it has been 30 days. If so, then proceed.

Event2: Print "SL"   // Print "SpeakerLoop"
       Turning on LED for x seconds   // ultraviolet LED turned on for x sec
       Set iter_speaker = 0   // int iter_speaker is assigned val 0
       If iter_speaker < x: // if iter_speaker is less than x run:
              // turn on speakers for set values
              Turn on Speakers for interval_length(list_iter) (FSYNC)
              // Frequency value is set & interval_length Value is set
              Change Frequency(list_iter), interval_length(list_iter)
              // Delay of 2 sec
              Wait 2000   // Delay 2 seconds
              // iter_speaker int is incremented by 1
              Increment iter_speaker by 1 (add 1 to x per loop)
       Turn off LED // Turns off the LED
Event3: Print "BP"   //Burst Photo
       Turn on LED
       Take Photo
       Set photo_iter = 3
       If photo_iter > 0:
               Decrement photo_iter
               Store photo_iter
       Else:
               Continue Main
Event4: Print "LE" , CR   //Loop everything
        STORE 2
       Turn off Ultraviolet LED

       If VarDays == 30:
               Wait 1 Hour
               GOSUB Event_2

Power off
else:
Continue Main