

Physics 37100 Advanced Physics Laboratory I

Lab #1

(PART II: Blinking Birthday)

- 1) Use your Arduino's built in LED (usually pin 13) to blink your birthday.
 - a. You can blink the numbers directly or use something like Morse code.
 - b. Include month, day, and year with some method to distinguish each. (A short pause would work).
 - c. Have the message repeat at least 10 times with some method to distinguish each repeat. (A long pause would work).
 - d. If your Arduino does not have a built in LED, then use an external LED connected to one of the analog outputs through a resistor.
- 2) Turn in the ino-file and a short description of what you did in PDF.