Bicycle Light Code: Changelog

v3.5:

* Production version, removal of Serial.print() & etc. debugging features as well as associated variables
* Reduction of noOfLEDs from 10 to 8 to fit manufacturing specifications

v3.4:

* Radical reductionism.
* Reduction of modes from 5 to 1 based on reassessment of product objectives
  + Will produce only the difference between current temp and previous week’s average (of the same hour), providing intuitive display on whether the room is hotter or cooler than usual

v3.3:

* Implementation of shaking controls for mode iteration
* Moved mode content to separate functions
* Additional improvements to readability

v3.2

* Reduction of modes from 7 to 5 based on functionality discussion
* Reformulation of operating mechanism, making lit LED directly dependent on temperature as opposed to encasing controls for all lights in case-by-case if statements
* Implementation of LED controls and lights for all 11 LEDs

v3.1:

* Contingencies for debugging implemented

v3.0:

* Contingencies created for 7+ modes of operation
* Integration of code for MPU-6050 chip
* Completion of storage system for temperatures - division into hourly for past week, and daily average for past year

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v2.2:

* Further development of storage system

v2.1:

* Partial implementation of temperature storage system (hourly temp → year)

v2.0:

* Complete integration of MPU-9250 system
* Implementation of Adafruit Neopixel RGB LEDs

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v1.4:

* Partial implementation of code for MPU-9250 integration. Can connect to chip and read temperature data (no further function as of yet)
* Functionality for periodic printing of temperature data for debugging & verification

v1.3:

* Rewritten for readability.
* Addition and incorporation of variable noOfModes to mode iteration for flexible implementation of different modes
* Tweaking of blinking timings for modes 2, 3, and 4 for universal operation on eighth-second intervals (or some multiple thereof)

v1.2:

* Iteration through modes and cycles replaced with incrementing system (as opposed to the previous system of assigning next mode/cycle to variable each iteration)
* Rewritten for readability. (some variables renamed)

v1.1:

v1.0: