*µ*Project #3 "A Turn at the Wheel"

Due Tuesday 2/7

HCI-833 Applied Gadgets, Sensors and Activity Recognition in HCI
Spring 2017

Purpose
This *µ*project explores the use of a potentiometer to control a simple display.

What to Build
Build a simple device which lights four LEDs one after the other and controls the speed at which the sequence displays with a potentiometer. When the potentiometer is turned fully counter clockwise the LED sequence should proceed slowly. When the potentiometer is turned in the clockwise direction it should proceed faster and faster.

Turning the Assignment In and Grading
This assignment is turned in by having one of your classmates certify completion and turn in a "peer demo" sheet signed by them (and fill out the corresponding on-line form on the Blackboard system as well). This project is pass/fail. *µ*Projects will be accepted without late penalty until Monday April 3rd (after which a 10% per day late penalty will be applied). However, please keep in mind that additional *µ*projects will be coming in rapid sequence (and you only have one breadboard to put your circuits on), so don't fall behind.

Note: *µ*Project #4 will build on this project, so don't tear down your project after it's been graded.