Case Statement 2

Description

This example uses a photo resistor to measure the light in the environment. The code translates the value read to "dim, bight, dark, etc." with switch cases. We will be using the code provided under the examples on the Arduino* IDE 1.5.3.

Hardware

- Intel® Galileo
- Breadboard
- Photo resistor
- Wires
- 10K resistor

Instructions *(see sketch for details)*

1. Place 5 LED on breadboard.
2. Connect GND from the Galileo Board to the GND strip on the Breadboard.
3. Connect all LED from negative side to GND strip.
4. Place 220 Ohm resistor from positive side of LED across the center division of the breadboard.
5. From left to right connect the other side of the resistors to pin-outs 2-7 on the Galileo
6. Connect power supply to the Galileo and USB to USB Client Port on the Galileo.
7. Open Arduino IDE under Tools → Board select Intel® Galileo
8. Under Tools → Serial Port select the Com # where the Galileo is connected to.
9. Under File → Examples → 05.Control and select the "switchCase2" example.
10. Upload to the Galileo by clicking the upload button.

Circuit