**Arduino Breadboard Rubric:**

**Blue**

Circuit is wired to a digital pin \_\_\_\_\_ /1

DigitalPin connects to anode (+) of LED \_\_\_\_\_ /1

GND pin connects to cathode (-) of LED \_\_\_\_\_ /1

Resistor is connected in series with LED \_\_\_\_\_ /1

Circuit is wired to GND pin \_\_\_\_\_/ 1

**RED**

Circuit is wired to a digital pin \_\_\_\_\_ /1

DigitalPin connects to anode (+) of LED \_\_\_\_\_ /1

GND pin connects to cathode (-) of LED \_\_\_\_\_ /1

Resistor is connected in series with LED \_\_\_\_\_ /1

Circuit is wired to GND pin \_\_\_\_\_/ 1

**Total: \_\_\_\_\_ /10**

**Arduino Sketch Rubric:**

**Setup**

pinMode for Blue LED pin\_OUTPUT \_\_\_\_\_ / 1

pinMode for RED LED pin\_OUTPUT \_\_\_\_\_ / 1

**Loop**

DigitalWrite for BLUE LED HIGH \_\_\_\_\_ / 1

Delay for Blue LED 500ms \_\_\_\_\_ / 1

DigitalWrite for BLUE LED LOW \_\_\_\_\_ / 1

Delay for Blue LED 500ms \_\_\_\_\_ / 1

DigitalWrite for BLUE LED HIGH \_\_\_\_\_ / 1

Delay for Blue LED 500ms \_\_\_\_\_ / 1

DigitalWrite for BLUE LED LOW \_\_\_\_\_ / 1

Delay for Blue LED 500ms \_\_\_\_\_ / 1

DigitalWrite for RED LED HIGH \_\_\_\_\_ / 1

Delay for Red LED 500ms \_\_\_\_\_ / 1

DigitalWrite for RED LED LOW \_\_\_\_\_ / 1

Delay for Red LED 500ms \_\_\_\_\_ / 1

Comments after each line to describe function \_\_\_\_\_ / 1

**Total: \_\_\_\_\_ / 15**

**Total Project Points\_\_\_\_\_/25**