int YellowLED =12;

int RedLED =11;

void setup() {

pinMode(YellowLED, OUTPUT);

pinMode(RedLED, OUTPUT);

Serial.begin(9600);

}

void loop() {

int timesBlinked = blink(4,YellowLED);

timesBlinked = blink(5,RedLED);

Serial.print("The LED was SUPPOSED to blink ");

Serial.print(timesBlinked);

Serial.print(" times BUT only blinked ");

Serial.println(timesBlinked);

delay(1000);

}

int blink(int value,int led) {

for (int i = 0; i < value; i++) {

digitalWrite(led, HIGH); // turn the LED on (HIGH is the voltage level)

delay(500); // wait for a second

digitalWrite(led, LOW); // turn the LED off by making the voltage LOW

delay(500); // wait for a second

}

Serial.print("The LED blinked ");

Serial.print(value);

Serial.println(" times.");

return value;

}