sketch_jun24b | Arduino 1.5.4

File Edit Sketch Tools Help

sketch_jun24b

```
int redLEDPin=9; //Declare redLEDPin an int, and set to pin 9
int yellowLEDPin=10; //Declare yellowLEDPin an int, and set to pin 10
int redOnTime=250; //Declare redOnTime an int, and set to 250 mseconds
int redOffTime=250; //Declare redOffTime an int, and set to 250
int yellowOnTime=250; //Declare yellowOnTime an int, and set to 250
int yellowOffTime=250; //Declare yellowOffTime an int, and set to 250
int numYellowBlinks=5; //Number of times to blink yellow LED
int numRedBlinks=5;  //Number of times to blink red LED

void setup() {
  pinMode(redLEDPin, OUTPUT);  // Tell Arduino that redLEDPin is an output pin
  pinMode(yellowLEDPin, OUTPUT);  //Tell Arduino that yellowLEDPin is an output pin
  Serial.begin(9600);
}

void loop() {

for (int j=1; j<=numYellowBlinks; j=j+1) {     // Start our for loop
    Serial.println(j);
    digitalWrite(redLEDPin,HIGH); //Turn red LED on
    delay(redOnTime);             //Leave on for redOnTime
    digitalWrite(redLEDPin,LOW);  //Turn red LED off
    delay(redOffTime);            //Leave off for redOffTime
}

for (int j=1; j<=numRedBlinks; j=j+1) {     // Start our for loop
    digitalWrite(yellowLEDPin,HIGH); //Turn red LED on
    delay(yellowOnTime);             //Leave on for redOnTime
    digitalWrite(yellowLEDPin,LOW);  //Turn red LED off
    delay(yellowOffTime);            //Leave off for redOffTime
```