So there are three lights in a traffic light.

Red:

Yellow:

Green:

In Arduino you have to connect the digital pins to the respective LED light.

Also there is the common ground pin which helps power the LED lights.

Green is attached to the digital pin number 22

Yellow is attached to the digital pin number 24.

Red is attached to the digital pin number 26.

Also there is an Update LED where it turns on for 100ms every 900ms which equals to 1 second.

The Update LED is attached to the digital pin number 28.

| int red = 26;  int yellow = 24;  int green = 22;   int update = 28;     void setup() {  // put your setup code here, to run once:  pinMode(red, OUTPUT);  pinMode(yellow, OUTPUT);  pinMode(green, OUTPUT);  pinMode(update, OUTPUT);   }       void DelayAndSeconds(int wait){  for(int i = 0; i < wait; i++){  digitalWrite(update, HIGH);  delay(100);  digitalWrite(update, LOW);  delay(900);  }  }    void loop() {  // put your main code here, to run repeatedly:   digitalWrite(red, HIGH);  DelayAndSeconds(180);  digitalWrite(red, LOW);   digitalWrite(yellow, HIGH);  DelayAndSeconds(180);  digitalWrite(yellow, LOW);   digitalWrite(green, HIGH);  DelayAndSeconds(180);  digitalWrite(green, LOW);     } |
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