

Arduino Introduction

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Code Start Simulation Send To 1(Arduino Uno R3)

Text

```
void loop() {
    //turn green LED on, others off
    digitalWrite(led_red, LOW);
    digitalWrite(led_yellow, LOW);
    digitalWrite(led_green, HIGH);
    delay(4000); //wait 4 seconds

    //blink green 3 times, 100ms of delay between
    digitalWrite(led_green, LOW);
    delay(100);
    digitalWrite(led_green, HIGH);
    delay(100);
    digitalWrite(led_green, LOW);
    delay(100);
    digitalWrite(led_green, HIGH);
    delay(100);

    //turn yellow LED on, others off
    digitalWrite(led_red, LOW);
    digitalWrite(led_yellow, HIGH);
    digitalWrite(led_green, LOW);
    delay(1500); //wait 1.5 seconds

    //blink yellow 3 times, 100ms of delay between
    digitalWrite(led_yellow, LOW);
    delay(100);
    digitalWrite(led_yellow, HIGH);
    delay(100);
    digitalWrite(led_yellow, LOW);
}
```

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```

38 //blink yellow 3 times, 100ms of delay between
39 digitalWrite(led_yellow, LOW);
40 delay(100);
41 digitalWrite(led_yellow, HIGH);
42 delay(100);
43 digitalWrite(led_yellow, LOW);
44 delay(100);
45 digitalWrite(led_yellow, HIGH);
46 delay(100);
47 digitalWrite(led_yellow, LOW);
48 delay(100);
49 digitalWrite(led_yellow, HIGH);
50 delay(100);
51 digitalWrite(led_yellow, LOW);
52
53 //turn red LED on, others off
54 digitalWrite(red_led, HIGH);
55 digitalWrite(led_yellow, LOW);
56 digitalWrite(led_green, LOW);
57 delay(5000); //wait 5 seconds
58
59 //blink red 3 times, 100ms of delay between
60 digitalWrite(red_led, LOW);
61 delay(100);
62 digitalWrite(red_led, HIGH);
63 delay(100);
64 digitalWrite(red_led, LOW);
65 delay(100);
66 digitalWrite(red_led, HIGH);
67 delay(100);
68 digitalWrite(red_led, LOW);
69 delay(100);
70 digitalWrite(red_led, HIGH);
71 delay(100);
72 }
    
```

Serial Monitor

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