



Circuit design Stunning Sango-Albar

tinkercad.com/things/icZ1Sr4Klws-stunning-sango-albar/editel?tenant=circuits

Stunning Sango-Albar

Simulator time: 00:01:03

1 (Arduino Uno R3)

```
1 int red = 5;
2 int yellow = 4;
3 int green = 3;
4 void setup() {
5   pinMode(red, OUTPUT);
6   pinMode(yellow, OUTPUT);
7   pinMode(green, OUTPUT);
8 }
9 void loop() {
10  changeLights();
11  delay(15000);
12 }
13 void changeLights() {
14   // green off, yellow on for 3 seconds
15   digitalWrite(green, LOW);
16   digitalWrite(yellow, HIGH);
17   delay(3000);
18   // turn off yellow, then turn red on for 5 seconds
19   digitalWrite(yellow, LOW);
20   digitalWrite(red, HIGH);
21   delay(5000);
22   // red and yellow on for 2 seconds (red is already on though)
23   digitalWrite(yellow, HIGH);
24   delay(2000);
25   // turn off red and yellow, then turn on green
26   digitalWrite(yellow, LOW);
27   digitalWrite(red, LOW);
28   digitalWrite(green, HIGH);
29 }
```

Serial Monitor

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