

```
1 void setup() {
2     for (int i = 2; i <= 9; i++)
3     {
4         pinMode(i, OUTPUT);
5     }
6 }
7 void loop() {
8     for (int i = 2; i < 10; i++)
9     {
10         digitalWrite(i, HIGH);
11         delay(200);
12         allLEDsOFF();
13
14
15     }
16     for (int i = 8; i >= 3; i--) {
17         digitalWrite(i, HIGH);
18         delay(200);
19         allLEDsOFF();
20     }
21 }
22 void allLEDsOFF(void)
23 {
24     for (int i = 2; i < 10; i++) {
25         digitalWrite(i, LOW);
26     }
27
28 }
```