

```
1  #include "mbed.h"
2
3  #define ON_OFF_TIME 300ms // LED on/off interval
4
5  int main() {
6      // Define LED outputs with new names
7      DigitalOut redLED(LED1);
8      DigitalOut greenLED(LED2);
9      DigitalOut blueLED(LED3);
10
11     while (true) {
12         // Turn all LEDs on
13         redLED.write(1);
14         greenLED.write(1);
15         blueLED.write(1);
16         ThisThread::sleep_for(ON_OFF_TIME);
17
18         // Turn all LEDs off
19         redLED.write(0);
20         greenLED.write(0);
21         blueLED.write(0);
22         ThisThread::sleep_for(ON_OFF_TIME);
23     }
24 }
25
```