

```

1 //=====
2 //
3 // Step 01
4 // LED1 .. -> .. LED12
5 // JP2 (1-2)  JP3 (1-2)  JP4 (1-2)  JP5 (1-2)  JP6 (1-2)
6 //
7 //=====
8
9 #include "mbed.h"
10
11 DigitalOut led1(LED1);
12 DigitalOut led2(LED2);
13 DigitalOut led3(LED3);
14 DigitalOut led4(LED4);
15 DigitalOut led5(p19); // JP2 (1-2)
16 DigitalOut led6(p20); // JP3 (1-2)
17 DigitalOut led7(p21); // JP4 (1-2)
18 DigitalOut led8(p22); // JP5 (1-2)
19 DigitalOut led9(p23); // JP6 (1-2)
20 DigitalOut led10(p24);
21 DigitalOut led11(p25);
22 DigitalOut led12(p26);
23
24 //-----
25 // Main
26 //-----
27 int main()
28 {
29     while(1)
30     {
31         led1 = 1;
32         wait(0.5); // Wait 0.5s
33         led1 = 0;
34         led2 = 1;
35         wait(0.5); // Wait 0.5s
36         led2 = 0;
37         led3 = 1;
38         wait(0.5); // Wait 0.5s
39         led3 = 0;
40         led4 = 1;
41         wait(0.5); // Wait 0.5s
42         led4 = 0;
43         led5 = 1;
44         wait(0.5); // Wait 0.5s
45         led5 = 0;
46         led6 = 1;
47         wait(0.5); // Wait 0.5s
48         led6 = 0;
49         led7 = 1;
50         wait(0.5); // Wait 0.5s
51         led7 = 0;
52         led8 = 1;
53         wait(0.5); // Wait 0.5s
54         led8 = 0;
55         led9 = 1;
56         wait(0.5); // Wait 0.5s
57         led9 = 0;
58         led10 = 1;
59         wait(0.5); // Wait 0.5s
60         led10 = 0;
61         led11 = 1;
62         wait(0.5); // Wait 0.5s
63         led11 = 0;
64         led12 = 1;
65         wait(0.5); // Wait 0.5s
66         led12 = 0;

```

67 | }
68 | }