

```
1 //To blink LED D7 and buzzer with 1s delay
2 //TILAK POOJARY
3 //NNM24EE127
4 //24/09/2025
5 //EXPERIMENT 4B
6
7 #include<MicroLABlet.h>
8 sbit first_led=P2^0;
9 sbit buzzer_control_logic=P3^5;
10 void main(void)
11 {
12     unsigned char count;
13     P2=0x00; //assigning port as output port
14     P3=0x00; //assigning port as output port
15     for(count=0;count<5;count++)
16     {
17         first_led=1; //led on
18         buzzer_control_logic=1; //buzzer off
19         delay(1000); //1 second delay given
20         first_led=0; //led off
21         buzzer_control_logic=0; //buzzer on
22         delay(1000); //1 second delay
23     }
24     buzzer_control_logic=1; //buzzer off as while coming out of for loop
25     the buzzer will be on so.
26     while(1); //to ensure the program doesnt ru again
27 }
```