

```
1 //Write a program to display the addition result of two 8 bit numbers in seven segment display (without
  carry). Also display the two numbers.
2 //TILAK POOJARY
3 //NNM24EE127
4 //TASK 2B
5 //20/10/2025
6
7 #include<MicroLABlet.h>
8 sbit buzzer=P3^5;
9
10 unsigned char a=0, b=0xFF, sum;
11
12 void main(void)
13 {
14     P1=0x00;           //set port 1 as output port
15     buzzer=0;          //set buzzer taht is port 3.5 as output port
16     buzzer=1;          //set buzzer as high to turn off buzzer
17
18     for(a=0;a<=0xFF;a++) //for loop from 0x00 to 0xff
19     {
20         sum=a+b;         //adding a and b to get sum
21         display(a);      //sending value of a to display function to display in seven segment
22         display(b);      //sending value of b to display function to display in seven segment
23         display(sum);    //sending value of sum to display function to display in seven segment
24     }
25 }
```