

```
1 //Write a program to display the subtraction result of two 8 bit numbers in seven segment display. Also
  display subtrahend and minuend.
2 #include<MicroLABlet.h>
3 sbit buzzer=P3^5;
4
5 unsigned char a=0, b=0xFF, diff;
6
7 void main(void)
8 {
9     P1=0x00; //set port 1 as output port
10    buzzer=0; //set buzzer that is poer 3.5 as output port
11    buzzer=1; //set buzzer as high to turn off buzzer
12
13    for(a=0x00;a<=0xFF;a++) // for loop from range 0x00 to 0xff
14    {
15        diff=b-a; //subtracting a from b to get difference stored in variable diff
16        display(b); //sending value of b to display function to display in seven segment
17        display(a); //sending value of a to display function to display in seven segment
18        display(diff); //sending value of diff to display function to display in seven segment
19    }
20 }
```