

```
1 //Write a program to display even numbers from 00h to ffh in seven segment display continuously.
2 //TILAK POOJARY
3 //NNM24EE127
4 //TASK 2A
5 //20/10/2025
6
7 #include<MicroLABlet.h>
8 sbit buzzer=P3^5;
9
10 unsigned char lsb, count=0;
11
12 void main(void)
13 {
14     P1=0x00; //set port 1 as output port
15     buzzer=0; //set buzzer that is port 3.5 as output port
16     buzzer=1; //set buzzer as high to turn off it
17     while(1)
18     {
19         for(count=0;count<=0xFF;count++) //to count from 0x00 to 0xFF
20         {
21             lsb=count&0x01; //count is anded with 0x01 to get only lsb the last bit
22             if(lsb==0) //checking if lsb is 0 or not, if 0 then the given number is
23             even
24             {
25                 display(count); //if zero sending this value to display function to display
26             }
27         }
28     }
29 }
30
```