数码代码

```c
#include<reg51.h>
#include<intrins.h>
int i=0,k=0;
int decade,units;
int m,n;
void delay(n);

void displayLED(unsigned char x)
{
    unsigned char code segment[]={
    0xc0,0xf9,0xa4,0xb0,0x99,0x92,0x82,0xf8,
    0x80,0x90,0x88,0x83,0xc6,0xa1,0x86,0x8e
    };
    m=segment[x];
}

void main()
{
    TMOD=0x10;
    EA=1;
    ET1=1;
    TH1=(65536-50000)/256;
    TL1=(65536-50000)%256;
    TR1=1;

    while(1)
    {   if (k==60)k=0;        //设置模为60
        decade=k/10;    //十位
        units=k%10;    //个位
        P1=0Xff;        //先向P1口写1
        displayLED(decade);
        P1=m;
        P2=0x01;
        delay(10);
        P1=0Xff;
        displayLED(units);
        P1=m;
        P2=0x02;
        delay(10);
    }
}

void isr_int3(void)interrupt 3
{
    TH1=(65536-50000)/256;
    TL1=(65536-50000)%256;
    i++;
    if (i==20)
        {
            i=0;
            k++;
        }
}

void delay(n)
{
    while(n)
    {
        while(n){--n;}
    }
}
```

串行代码

```c
1   #include<reg51.h>
2   #include<intrins.h>
3   int i=0,k=0,a=0;
4   int b=0;    //  分钟的标志位
5   int fen1,fen2,miao1,miao2;
6   void displayLED(unsigned char x);   //显示
7   void delay(unsigned int x);         // 延时
8   void main()
9   {
10      SCON=0X00;
11      TMOD=0x10;
12      PCON = 0x00;              //波特率倍增设置
13      EA=1;
14      ET1=1;
15      TH1=(65536-50000)/256;
16      TL1=(65536-50000)%256;
17      TR1=1;
18      while(1)
19      {
20      displayLED(miao1);
21      displayLED(miao2);
22      displayLED(fen1);
23      displayLED(fen2);
24      delay(900);
25      }
26   }
27
28   void displayLED(unsigned char x)
29   {
30      unsigned char code segment[]={0xc0,0xf9,0xa4,0xb0,0x99,
31                                   0x92,0x82,0xf8,0x80,0x90};
32      SBUF=segment[x];
33      while(TI == 0);          //等待发送完成
34      TI = 0;                  //发送中断标志请0
35   }
36
37   void delay(unsigned int x)
38   {
39      unsigned char t;
40      while(x--)
41      {
42        for(t = 0;t < 120;t++);
43      }
44   }
45
46   void isr_int3(void)interrupt 3
47   {
48      TH1=(65536-50000)/256;
49      TL1=(65536-50000)%256;
50      i++;
51      if (i==20)
52      {
53        i=0;
54        k++;
55      }
56
57      if (k==60)
58        {
59          k=0;
60          b++;
61        }
62      miao2=k/10;
63      miao1=k%10;
64
65      if (b==60)
66        {
67          b=0;
68        }
69      fen2=b/10;
70      fen1=b%10;
71   }
72
73
```