1、错误：

#include<reg52.h>

sbit beep=P2^3;

#define uint unsigned int

#define uchar unsigned char

uint tt,a;

uchar num;

void main()

{

TMOD=0x21;

TH0=(65535-10000)/256;

TL0=(65535-10000)%256;

TH1=0xfd;

TL1=0xfd;

TR1=1;

REN=1;

SM0=0;

SM1=1;

EA=1;

ES=1;

while(1);

}

void ser() interrupt 4

{

RI=0;

num=SBUF;

TR0=1;

}

void timer0() interrupt 1

{

TH0=(65535-10000)/256;

TL0=(65535-10000)%256;

tt++;

if(num==1)

if(tt==8)

{

tt=0;

beep=~beep;

}

if(num==2)

if(tt==4)

{

tt=0;

beep=~beep;

}

if(num==3)

if(tt==2)

{

tt=0;

beep=~beep;

}

if(num==4)

beep=1;

}

2、正确：

#include<reg52.h>

unsigned char flag,a,num,benum;

sbit beep=P2^3;

void main()

{

TMOD=0x21;//设置定时器1为工作方式2

TH1=0xfd;

TL1=0xfd;

TH0=(65536-50000)/255;

TL0=(65536-50000)%255;

TR1=1;

ET0=1;

SM0=0;

SM1=1;

REN=1;

EA=1;

ES=1;

while(1)

{

if(flag==1)

{

EA=0;

flag=0;

TR0=1;

if(a==1)

benum=4;

if(a==2)

benum=2;

if(a==3)

benum=1;

if(a==4)

{

TR0=0;

beep=1;

}

EA=1;

}

}

}

void ser() interrupt 4

{

RI=0;

a=SBUF;

flag=1;

}

void time0() interrupt 1

{

TH0=(65536-50000)/255;

TL0=(65536-50000)%255;

num++;

if(num>=benum)

{

num=0;

beep=~beep;

}

}