unsigned char seg\_cc[]={0x3f, 0x06, 0x5b, 0x4f, 0x66, 0x6d, 0x7c, 0x07, 0x7f, 0x67, 0x00} ;

unsigned char led\_buffer[4];

unsigned char scan;

unsigned int i;

void display(unsigned char num)

{

led\_buffer[3] = seg\_cc[(num / 100) / 10];

led\_buffer[2] = seg\_cc[(num / 100) % 10];

led\_buffer[1] = seg\_cc[(num % 100) / 10];

led\_buffer[0] = seg\_cc[(num % 100) % 10];

}

void scan\_7seg()

{

uint32\_t port\_state\_c, port\_state\_d;

port\_state\_c = gpio\_output\_port\_get (GPIOC);

port\_state\_d = gpio\_output\_port\_get (GPIOD);

port\_state\_c = 0xf8 + scan;

port\_state\_d = seg\_cc[scan++];

if(scan == 4)

scan = 0;

}

int main(void)

{

scan = 0;

while(1){

for(i=0; i<9999; i++){

display(i);

delay\_1ms(200);

}

}

}