#include<stdio.h>

#include<reg51.h>

void delay(void);

unsigned char array[10]= { 0x3f , 0x06 , 0x5b , 0x4f , 0x66 , 0x6d , 0x7d , 0x07 , 0x7f , 0x6f };

//Array for digits 0 to 9

void main()

{

while(1)

{

unsigned int i;

for(i=0; i<=10; i++)

{

P2=array[i];

//sending hex values one by one

delay();

}

}

}

void delay(void)

//Delay Function

{

unsigned int s,k;

for(s=0; s<400; s++)

{

for(k=0; k<200; k++)

}

}