

### **Program for led 7 segment display interfacing:**

```
#include<lpc214x.h>

void delay();

int i;

unsigned int
a[]={0x00400000,0x00790000,0x00240000,0x00300000,0x00190000,0x00120000
,0x00020000,0x00780000,0x00000000,0x00100000};

int main()
{
IODIR1=0xffffffff;

while(1)
{
for(i=0;i<10;i++)
{
IOSET1 =a[i];
delay();
IOCLR1 =a[i];
}}
return(0);
}

void delay()
{int a,b;
for(a=0;a<1275;a++)
{for(b=0;b<5000;b++);
}
}
```